

SIAMITE®

LAB GROWN GEMSTONE REFLECTIONS

RHYMING COLORS

for
your

JEWELRY
DESIGN

COMPANY OVERVIEW

Formica is an international technology group in the area of synthetic materials and one of the world's leading innovators in glass-ceramic materials for luxury markets.

For more than 30 years, Formica applies its unparalleled expertise in synthetic crystals, glass science and nanotechnology, along with its deep manufacturing and engineering capabilities to develop industry-defining products that transform markets.

Formica is the first in the world to introduce glass-ceramics to the jewelry industry and while glass, synthetic crystals and ceramics have been available for along time, glass-ceramic imitation gemstones are starting to make an impact among international jewelers and fashion brands as a new mid-market offering.

MATERIAL OVERVIEW

Glass-ceramics is a composite material constituted of crystals in a glassy matrix. This combination between amorphous and crystalline states makes a new type of material with unique properties. It is in a class of its own between glasses and polycrystalline ceramics.

More recently, Formica developed a new glass-ceramic composition that consists of amorphous mass and nanometer-size (10^{-9} m) crystalline particles homogeneously distributed throughout a glass matrix. With special optical properties and practically no physical expansion over a wide temperature range, this material is used in the manufacture of essential components for luxury goods, such as gemstone imitations, watch glasses and dials.

Formerly known as **Nanogem®** and **Nanocrystal®**, the material has been rebranded as **Siamite®**, the name that is composed of its three main chemical components: Si, Al and Mg.

SIAMITE® made by Formica is in line with security standards for toys, safe landfill and safe textile products and with all of the regulations of REACH (EC) No 1907/2006 and in compliance with EU RoHS. All of the potentially toxic elements measured are within permissible limits.

PRODUCT PORTFOLIO

Siamite® Gemstone Reflections is a premium brand for precision-cut gemstone imitations manufactured in a spectacular range of **transparent, translucent and opaque colors**, special effects, shapes and sizes to use for jewelry and fashion accessories.

Siamite® Gemstone Reflections is currently offered in **850 transparent colors and more than 550 translucent-opaque options**, which allows to achieve consistent color within the product size range from 0.8mm to 30.00mm.

Siamite® is recognized for its unique physical and optical properties, such as close to zero thermal expansion and homogeneous composition which allows for even distribution of color throughout the material. One of key features of Siamite is its ability to withstand high temperatures. Siamite® only begins to melt or decompose at temperatures above 1,500°C, offering exceptional stability, when being set in jewelry using **lost-wax casting**.

And with it's hardness approximating that of a topaz or emerald, and optical properties close to that of a tourmaline, Siamite® is an ideal gemstone imitation material eliminating common drawbacks of synthetic crystal, lead or zirconium glass, such as color zoning, excessively high refractive index and high cost.



SINCE 1992

REFERENCE SHEET



COLOR RANGE



COLOR TONE



STANDARD SHAPES AND SIZES

	GREEN YELLOW	EXL	EXTRA LIGHT	ROUND BRILLIANT CUT		MIN 0.80 X 0.80 INC 0.5 MAX 15.00 X 15.00	SQUARE PRINCESS CUT		MIN 2.00 X 2.00 INC 0.25 MAX 12.00 X 12.00
	GREEN	SL	SUPER LIGHT	DOVE ROSE CUT		MIN 3.00 X 3.00 INC 0.5 MAX 12.00 X 12.00	TRILLION STEP CUT		MIN 3.00 X 3.00 INC 1.00 MAX 12.00 X 12.00
	BLUE GREEN	VL	VERY LIGHT	CUSHION STEP CUT		MIN 3.00 X 3.00 INC 1.0 MAX 12.00 X 12.00	OCTAGON STEP CUT		MIN 3.00 X 5.00 INC 1.00 MAX 12.00 X 16.00
	BLUE	L/VL	LIGHT VERY LIGHT	HEART STEP CUT		MIN 3.00 X 3.00 INC 1.0 MAX 12.00 X 12.00	BAGUETTE PRINCESS CUT		MIN 2.00 X 3.00 INC 1.00 MAX 7.00 X 14.00
	VIOLET BLUE	L	LIGHT	OVAL DIAMOND CUT		MIN 2.00 X 3.00 INC 1.00 MAX 12.00 X 16.00	TAPERED BAGUETTE CUT		MIN 1.50 X 2.00 X 4.00 INC 0.50 MAX 3.50 X 6.00 X 7.00
	VIOLET	M/L	MEDIUM LIGHT	PEAR DIAMOND CUT		MIN 2.00 X 3.00 INC 1.00 MAX 12.00 X 16.00	SPHERE BALL		MIN 0.80 X 0.80 INC 0.10 MAX 20.00 X 20.00
	RED VIOLET	M	MEDIUM	MARQUISE DIAMOND CUT		MIN 1.50 X 3.00 INC 0.50 MAX 10.00 X 20.00	DOVE CABOCHON CUT		MIN 0.80 X 0.80 INC 0.10 MAX 20.00 X 20.00
	RED	D/M	DARK MEDIUM						
	ORANGE RED	D	DARK						
	ORANGE	VD/D	VERY DARK DARK						
	YELLOW ORANGE	VD	VERY DARK						
	YELLOW	EXD	EXTRA DARK						

APPLICATION OPTIONS

Siamite® made by Formica is in line with security standards for toys, safe landfill and safe textile products and with all of the regulations of REACH (EC) No 1907/2006 and in compliance with EU RoHS. All of the potentially toxic elements measured are within permissible limits.

Siamite® is a registered trademark of FORMICA (Th) Co., Ltd. Siamite® is protected by U.S. Patent No.: 9,801,435. Additional patents may be pending in the U.S. and elsewhere.

PROCESS

- Lost wax casting

PICKLING

- Vitrex pickle
- Sulphuric acid pickle

PLATING

- Gold coloring
- Silver coating
- Rhodium coating
- Gold plating

SOLDERING

- Bonding
- Hard soldering
- Soft soldering

CLEANING

- Machine grinding and polishing
- Manual grinding and polishing

TREATMENT

- Citric acid
- Potassium hydroxide 10%
- Sulphuric acid 96% 80C

DISCLOSURE OF CHEMICAL INGREDIENTS

MAIN COMPONENTS

SiO₂, Al₂O₃, MgO, TiO₂, ZrO₂, ZnO, CaO, Na₂O, K₂O, Li₂O

HAZARDOUS SUBSTANCES

RADIOACTIVE ELEMENTS	NONE
ANTIMONY	NONE
BARIUM	NONE
CADMIUM	NONE
CHROMIUM	NONE
LEAD	NONE
MERCURY	NONE
SELENIUM	NONE

TRANSLUCENT - OPAQUE CATALOG

Siamite® glass-ceramic is a lab-grown gemstone that reflects or imitates the color, brilliance, hardness, and other physical properties of highly sought-after natural gemstones. It can be produced in transparent, translucent, or opaque forms.

Glass-ceramics are hybrid or composite materials composed of nano-sized crystals of specific minerals embedded in an amorphous glass matrix. The production process occurs in two stages: first, the glass is created, then it undergoes controlled crystallization. The size and concentration of nanocrystals—regulated by temperature and time—determine the transparency and color of the final material. This controlled crystallization enables the creation of **transparent** (crystal size <10 nm), **translucent** (10–20 nm), and **opaque** (>20 nm) glass-ceramics.

Siamite® is a nanocrystalline glass-ceramic made of nanosized spinel crystals uniformly distributed within a high-temperature aluminosilicate glass matrix. Initially, transparent Siamite® is produced to imitate colored gems such as emeralds, sapphires, rubies, topazes, and many others - over 850 colors in total. The desired color is primarily achieved through chemical composition, while transparency is controlled by adjusting the temperature and crystallization time.

In transparent Siamite®, the spinel nanocrystal is minimal, with the glass phase dominating. However, any transparent Siamite® can be converted into translucent or opaque varieties through further controlled crystallization of spinel. As this process continues, both the size and concentration of crystals increase. The crystal-to-glass ratio rises accordingly, and in the most opaque Siamite®, the proportion of glass can be reduced to just 10–20%. These opaque materials are more accurately referred to as **Siamite® Ceramic**.

Translucent and opaque Siamite® effectively imitate many decorative natural gemstones, such as **moonstone, turquoise, rose quartz, lapis lazuli, jade, chalcedony, chrysoprase, and others**. While Siamite® differs from natural stones in hardness, density, and refractive index (**see table 1.**), it replicates their colors remarkably well.

Table 1.

	HARDNESS (Mohs scale)	SPECIFIC GRAVITY (g/cm ³)	REFRACTIVE INDEX (RI)
Moonstone	6.0-6.5	2.56-2.66	1.518-1.547
Chalcedony	6.5-7.0	2.60	1.53-1.554
Chrysoprase	6.5-7.0	2.65-2.91	1.45-1.55
Lapis Lazuli	5.0-5.5	2.70-2.90	1.50
Jade (Nephrite)	6.5-7.0	2.90-3.00	1.62
Jade (Jadeite)	6.5-7.0	3.30-3.50	1.66
Turquoise	5.0-6.0	2.60-2.90	1.61-1.65
Rose Quartz	7.0	2.64-2.69	1.544-1.553
Siamite®	7.5-8.0	3.00-3.30	1.60-1.63

The Siamite® translucent-opaque catalog provides information about the **original transparent color** (indicated by four-digit codes beginning with 1 or 5), which can be transformed into corresponding **translucent** (codes containing M1, M2, or starting with 2, 3, 6, or 7) or **opaque** (codes beginning with 4 or 8). In rows like M1–M2–2xxx–3xxx–4xxx or M1–M2–6xxx–7xxx–8xxx, the degree of transparency gradually decreases—from slightly cloudy or milky (M1, M2) to fully opaque, even at sizes as small as 0.8 mm (4xxx, 8xxx). The catalog also includes the old three-digit codes and the tone of each color (from very light to extremely dark).

Currently, the catalog features around **550 colors**, derived from 144 original transparent Siamite® colors. For user convenience, the printed catalog includes color stripes with approximate **HEX codes**. It's easy to notice that the colors of transparent and translucent-opaque Siamite® often differ significantly. For example, a transparent emerald tone may transform into a turquoise hue, while a ruby may shift to lavender-purple jade.

When using the catalog, remember that the apparent transparency of a stone depends on its thickness. The same Siamite® stone may appear nearly transparent at 0.8 mm, translucent at 4–5 mm, and opaque at 8–10 mm.

A key advantage of Siamite® over other imitations of translucent and opaque gemstones is its resistance to thermal shock and compatibility with **“setting stones in wax”** casting methods. Siamite® does not crack or change color when exposed to the high temperatures of molten gold, silver, or brass.

Siamite® translucent and opaque stones are available in a wide variety of colors, sizes, and shapes—including faceted stones, cabochons, spheres, 2D forms, cameo and intaglio style customized stones and rough materials.

TRANSLUCENT - OPAQUE CATALOG

CONTENTS

COLOR GROUP	No	SIAMITE® STONES GLOW	ID	REFERENCE	PAGE
	1	WHITE MOONSTONE	1000	1000 M1 - 4000	8
			1001	1001 M1 - 4001	8
	2	WHITE BLUE MOONSTONE	1002	1002 M1 - 4002	8
			1004	2004 - 4004	8
	3	WHITE YELLOW MOONSTONE	1009	1009 M2 - 4009	8
	4	AMBER	1020	1020 M2 - 4020	8
		YELLOW - ORANGE MELO COLOR	1021	1021 M2 - 4021	9
		BEIGE MOONSTONE	1023	1023 M1 - 4023	9
	5	GRAY MOONSTONE	1044	1044 M2 - 4044 A	9
	6	LIME GREEN	1045	1045 M1 - 4045 A	9
	7	OLIVE GREEN - MINT	1053	2053 - 4053	9
			1056	2056 - 4056	9
	8	IMPERIAL JADE - LIGHT GREEN JADE	1061	2061 - 4061	9
			1062	2062 - 4062	10
			1063	1063 M1 - 4063	10
			1065	1065 M1 - 4065	10
			1066	1066 M1 - 4066	10
	9	AQUA LAKE - LIGHT TURQUOISE	1070	2070 - 4070	10
			1074	2074 - 4074	10
			1075	1075 M1 - 4075	10
	10	CARIBBEAN - CELESTE TURQUOISE	1081	2081 - 4081	11
			1083	2083 - 4083	11
			1085	1085 M1 - 4085	11
	11	DARK CYAN - DARK TURQUOISE PALE TURQUOISE	1101	2101 - 4101 A	11
			1103	2103 - 4103	11
			1104	1104 M1 - 4104	11
			1106	1106 M1 - 4106	11
	12	PARAIBA MOONSTONE	1006	1006 M - 4006	12
	13	DARK TURQUOISE - PALE TURQUOISE	1111	2111 - 4111	12
			1113	1113 M2 - 4113 A	12
			1114	1114 M1 - 4114	12
			1116	1116 M1 - 4116	12
	14	CARIBBEAN TURQUOISE TURQUOISE BLUE LIGHT CYAN	1121	2121 - 4121	12
			1123	2123 - 4123	13

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 Siamite® is a registered trademark of FORMICA (Th) Co., Ltd. Siamite® is protected by U.S. Patent No.: 9,801,435.
 Additional patents may be pending in the U.S. and elsewhere.

TRANSLUCENT - OPAQUE CATALOG

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COLOR GROUP	No	SIAMITE® STONES GLOW	ID	REFERENCE	PAGE
	14	CARIBBEAN TURQUOISE	1124	1124 M1 - 4124	13
			1126	1126 M1 - 4126	13
	15	SLEEPING BEAUTY	1141	2141 - 4141	13
			1142	1142 M1 - 4142 A	13
			1144	1144 M2 - 4144	13
			1146	1146 M1 - 4146	13
	16	PACIFIC - OCEAN BLUE	1151	2151 - 4151	14
			1153	1153 M1 - 4153	14
	17	CERULEAN BLUE	1086	1086 M2 - 4086	14
			1130	2130 - 4130	14
	18	PERSIAN TURQUOISE	1134	1134 M2 - 4134	14
			1137	1137 M1 - 4137	14
			1162	2162 - 4162	14
	19	SKY BLUE - LIGHT LAVENDER BLUE	1163	1163 M2 - 4163	15
			1164	1164 M1 - 4164	15
			1165	1165 M2 - 4165 A	15
	20	AZURE - SKY - BABY BLUE	1166	1166 M2 - 4166 A	15
			1169	1169 M2 - 4169	15
			1171	1171 M2 - 4171	15
			1173	1173 M1 - 4173	15
			5282	6282 - 8282	16
			1190	1190 M1 - 4190	16
	21	GLACIER BLUE	1192	1192 M1 - 4192	16
			1199	1199 M1 - 4199	16
			1206	1206 M1 - 4206	16
	22	TRUE BLUE	1208	1208 M1 - 4208	16
			1220	2220 - 4220	17
	23	BLUE DE FRANCE	1221	2221 - 4221	17
			1223	1223 M2 - 4223	17
			1224	1224 M1 - 4224	17
			1235	2235 - 4235	17
	24	CLASSIC BLUE	1237	1237 M2 - 4237	17
			1241	1241 M2 - 4241 A	17
	25	COBALT BLUE	1243	2243 - 4243	18
			1245	2245 - 4245	18
			1249	1249 M1 - 4249	18
			5340	5340 M2 - 8340	18
			5343	6343 - 8343	18
			5347	5347 M1 - 8347	18
			1251	1251 M1 - 4251	18

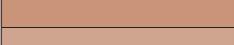
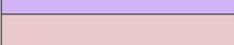
TRANSLUCENT - OPAQUE CATALOG

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COLOR GROUP	No	SIAMITE® STONES GLOW	ID	REFERENCE	PAGE
	26	ANGELITE	1264	1264 M1 - 4264 A	19
			1284	1284 M1 - 4284 A	19
	27	GRAY MOONSTONE	5275	5275 M1 - 8275	19
			1275	1275 M1 - 4275	19
	28	BLACK SPINEL	300	300/1 - 300/3	19
			1290	1290 M2 - 4290	19
			1292	1292 M2 - 4292	20
			1300	1300 M2 - 4300	20
			1302	1302 M2 - 4302	20
			1310	1310 M1 - 4310	20
	29	SAPPHIRE BLUE	1312	1312 M2 - 4312	20
			1335	1335 M2 - 4335	20
			1336	1336 M2 - 4336	20
			1340	1340 M2 - 4340	21
			1351	1351 M2 - 4351	21
			5302	6302 - 8302	21
	30	BLUE CHALCEDONY	1361	1361 M1 - 4361	21
			1376	1376 M1 - 4376	21
			1377	2377 - 4377	21
	31	ROSE QUARTZ, PINK CORAL	1377/1	1377/1 M - 4377/1	21
			1379	1379 M1 - 4379 A	22
			1379/1	1379/1 M1 - 4379/1 A	22
			5373	5373 M2 - 8373	22
	32	LAVENDER QUARTZ	1373	1373 M2 - 4373	22
			1380	2380 - 4380	22
			1382	2382 - 4382	22
			1387	2387 - 4387	22
			1388	2388 - 4388	23
	33	BABY PINK ROSE QUARTZ	1390	2390 - 4390	23
			1391	2391 - 4391	23
			1392	2392 - 4392	23
			1395	2395 - 4395	23
	34	CHARM PINK - MIMI PINK QUARTZ	1665	2665 - 4665	23
			1666	2666 - 4666 A	23
			1410 A	1410A M1 - 4410A A	23
			1410 B	1410B M1 - 4410B A	24
	35	LAVENDER - PINK JADE	1410 C	1410C M1 - 4410C A	24
			1411	1411 M1 - 4411	24
			1422	1422 M1 - 4422 A	24

TRANSLUCENT - OPAQUE CATALOG

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COLOR GROUP	No	SIAMITE@ STONES GLOW	ID	REFERENCE	PAGE
	36	PINK MOONSTONE	5435	5435 M1 - 8435 A	24
			1440	1440 M2 - 4440	25
			5441	5441 M1 - 8441	25
	37	PEACH MOONSTONE	1450	2450 - 4450	25
			5455	6455 - 8455	25
			5458	6458 - 8458	25
			1468	2468 - 4468	25
	38	BROWN MOONSTONE	5260	6260 - 8260	25
			5266	6266 - 8266	25
			5460	5460 M1 - 8460	26
			5461	5461 M1 - 8461	26
			5462	5462 M1 - 8462	26
			5463	5463 M1 - 8463	26
			5464	5464 M1 - 8464	26
	39	COLOR CHANGE JADE AND MOONSTONE	5492	5492 M1 - 8492 A	27
			5487	5487 M1 - 8487 A	27
			5481	5481 M1 - 8481	27
	40	ROYAL BLUE LAPIS LAZULI	5000	6000 - 8000	28
			5006	6006 - 8006	28
			5013	6013 - 8013	28
			5018	6018 - 8018	28
			5021	6021 - 8021	28
	41	DARK PURPLE BLUE JADE	5036	6036 - 8036	28
			5045	6045 - 8045	28
			5055	6055 - 8055	28
	42	LAVENDER JADE	5063	6063 - 8063	29
			5075	6075 - 8075	29
	43	PURPLE JADE	5085	6085 - 8085	29
			5091	6091 - 8091	29
			5093	6093 - 8093	29
			5095	6095 - 8095	29
			5101	6101 - 8101	29
			5105	6105 - 8105	29
			5121	6121 - 8121	29
			5125	6125 - 8125	29
	44	BROWNISH PURPLE JADE	5140	6140 - 8140 A	30
			5145	6145 - 8145	30
			5190	6190 - 8190	30
			5192	6192 - 8192	30
			5195	6195 - 8195	30
			5243	6243 - 8243	30

TRANSLUCENT - OPAQUE CATALOG

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)
WHITE		WHITE MOONSTONE		
1000	201	<u>1000 M1</u>		#F4F8FF
		<u>1000 M2</u>		#F0F5FD
		<u>2000</u>		#F1F4FA
		<u>3000</u>		#EEF2F8
	301	<u>4000</u>		#EFF7F1
1001	202	<u>1001 M1</u>		#F1FAFB
		<u>1001 M2</u>		#F0F7F8
		<u>2001</u>		#ECF6F8
		<u>3001</u>		#EEF6F8
	302	<u>4001</u>		#F1F5ED
ICE BLUE		WHITE BLUE MOONSTONE		
1002	200/1	<u>1002 M1</u>		#E0F9FF
		<u>1002 M2</u>		#DFE8F7
		<u>2002</u>		#D6E1F4
		<u>3002</u>		#E0E8F6
		<u>4002</u>		#E3EAF6
1004	200/3	<u>2004</u>		#F0F9FF
		<u>3004</u>		#F0F8FE
		<u>4004</u>		#F2F8FC
PALE YELLOW		WHITE YELLOW MOONSTONE		
1009	277	<u>1009 M2</u>	L	#F1ECCA
		<u>2009</u>	L	#F2EED0
		<u>3009</u>	L	#F7F3D7
		377	<u>4009</u>	L
CITRINE		AMBER YELLOW - ORANGE MELO COLOR - BEIGE MOONSTONE		
1020	271	<u>1020 M2</u>	D/M	#CF9C72
		<u>2020</u>	D/M	#E3B188
		<u>3020</u>	D/M	#EAD1B0
	371	<u>4020</u>	M	#ECDDCA

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)
CITRINE		AMBER YELLOW - ORANGE MELO COLOR - BEIGE MOONSTONE		
1021	272	<u>1021 M2</u>	M	#F1BA80
		<u>2021</u>	M	#F5C799
		<u>3021</u>	M	#ECCFB5
	372	<u>4021</u>	M	#EAD7C6
1023	273	<u>1023 M1</u>	L	#F3BE71
		<u>1023 M2</u>	M/L	#ECC680
		<u>2023</u>	M/L	#F0CF94
		<u>3023</u>	M/L	#E9D2AC
	373	<u>4023</u>	M	#EEDEC4
KHAKI		GRAY MOONSTONE		
1044	1101	<u>1044 M2</u>	M/L	#D1D0C7
		<u>2044</u>	M/L	#B8B8B8
		<u>3044</u>	M/L	#BFC2C4
		<u>4044</u>	M/L	#C8CBCC
		<u>4044 A</u>	L	#DBDBDB
LIME QUARTZ		LIME GREEN		
1045	NEW	<u>1045 M1</u>	L/VL	#B7DF7C
		<u>1045 M2</u>	L/VL	#D0EA95
		<u>2045</u>	L/VL	#D8EFAA
		<u>3045</u>	L	#E1F2BC
		<u>4045 A</u>	L	#E3F6B9
		<u>4045</u>	L	#EBFDC4
PERIDOT GREEN		OLIVE GREEN - MINT		
1053	252	<u>2053</u>	L	#DDE0A6
		<u>3053</u>	M/L	#CBDAA0
		<u>4053</u>	M	#DDE8BF
1056	251	<u>2056</u>	M	#94CBB3
		<u>3056</u>	M	#9CD2BC
		<u>4056</u>	M	#ADDCD5
DEMANTOID		IMPERIAL JADE - LIGHT GREEN JADE		
1061	209/1	<u>2061</u>	VD/D	#206941
		<u>3061</u>	D	#3F8358
	309/1	<u>4061</u>	D/M	#7ABDA8

TRANSLUCENT - OPAQUE CATALOG

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)
DEMANTOID	IMPERIAL JADE - LIGHT GREEN JADE			
1062	209/2	<u>2062</u>	D	#308737
		<u>3062</u>	D/M	#66B290
	309/2	<u>4062</u>	D/M	#67BEA5
1063	209/3	<u>1063 M1</u>	M	#61DF8A
		<u>1063 M2</u>	M	#6EE997
		<u>2063</u>	M	#7EE9BB
	309/3	<u>3063</u>	M	#93F2C8
		<u>4063</u>	M	#A9F7CF
1065	203/6	<u>1065 M1</u>	VL	#B5F39D
		<u>1065 M2</u>	L/VL	#A7F1AA
		<u>2065</u>	L	#B6F1B9
	303/6	<u>3065</u>	L	#C1F5C2
		<u>4065</u>	L	#CFF8D0
1066		<u>1066 M1</u>	D	#499F74
		<u>1066 M2</u>	D	#54A67D
	<u>2066</u>		#71C098	
	<u>3066</u>		#85CCA9	
	<u>4066</u>		#9CE2C0	
TSAVORITE GREEN	AQUA LAKE - LIGHT TURQUOISE			
1070	253	<u>2070</u>	VD	#3D8E93
		<u>3070</u>	VD/D	#4DA5AA
	353	<u>4070</u>	D	#6FCED4
1074	254/1	<u>2074</u>	M	#6DCAD3
		<u>3074</u>	M	#96DDE4
	354/1	<u>4074</u>	M	#B0E8ED
1075	255	<u>1075 M1</u>	VL	#A4FBE3
		<u>1075 M2</u>	VL/L	#B0FCED
		<u>2075</u>	L	#B1F9EA
	355	<u>3075</u>	L	#BFF9F4
		<u>4075</u>	L	#C8FAF6

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)
TSAVORITE			CARIBBEAN - CELESTE TURQUOISE	

1081	208/1	<u>2081</u>	VD	#30916D
		<u>3081</u>	VD/D	#49AFA4
	308/1	<u>4081</u>	D	#62C2C5
1083	208/3	<u>2083</u>	D/M	#3EAEA5
		<u>3083</u>	D/M	#50CBC4
	308/3	<u>4083</u>	M	#7FEDEB
1085		<u>1085 M1</u>	VL	#A4FBD6
		<u>1085 M2</u>	L/VL	#B1F8E9
	203/5	<u>2085</u>	L	#BFFFF1
		<u>3085</u>	L	#BBFFF6
	303/5	<u>4085</u>	L	#CCFFF8

EMERALD GREEN	DARK CYAN - DARK TURQUOISE - PALE TURQUOISE			
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1101	211	<u>2101</u>	VD/D	#267D78
		<u>3101</u>	D	#2F9CA0
	311	<u>4101</u>	D/M	#61C1D1
		<u>4101 A</u>	M	#6ACDDD
1103	213	<u>2103</u>	D/M	#35BDB2
		<u>3103</u>	M	#6ED9DD
	313	<u>4103</u>	M	#A4E2F0
1104		<u>1104 M1</u>	M	#65CDC9
		<u>1104 M2</u>	M	#68D8D7
	214	<u>2104</u>	M	#53CCDE
		<u>3104</u>	M	#73C7E6
		314	<u>4104</u>	M
1106		<u>1106 M1</u>	VL	#A5FFFA
		<u>1106 M2</u>	VL	#AFFBFE
	203/1	<u>2106</u>	L/VL	#B8F3FF
		<u>3106</u>	L/VL	#C4F6FF
		<u>4106</u>	L/VL	#CFF8FF

TRANSLUCENT - OPAQUE CATALOG

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)
EMERALD GREEN		DARK CYAN - DARK TURQUOISE - PALE TURQUOISE		
1006		<u>1006 M</u>	VL	#54C7DA
		<u>1006 M1</u>	VL	#59D2E6
		<u>1006 M2</u>	VL	#5BD8EF
		<u>2006</u>	L/VL	#5FDFE8
		<u>3006</u>	L/VL	#69E9FF
		<u>4006</u>	L/VL	#9DF0FF
EMERALD BLUISH GREEN		DARK TURQUOISE - PALE TURQUOISE		
1111	211A	<u>2111</u>	D	#1BA19F
		<u>3111</u>	D	#29B7B5
	311A	<u>4111</u>	D	#77D6DC
1113	213A	<u>1113 M2</u>	D/M	#12A7B4
		<u>2113</u>	D/M	#20B6C8
		<u>3113</u>	D/M	#6AC9E2
		<u>4113</u>	M	#94D8ED
	313A	<u>4113 A</u>	M	#9DE0F5
1114	214A	<u>1114 M1</u>	M	#59D1E7
		<u>1114 M2</u>	M	#64DEEC
		<u>2114</u>	M	#6EDFFE
	314A	<u>3114</u>	M/L	#8BE1FF
		<u>4114</u>	M/L	#A2E6FF
1116	203/2	<u>1116 M1</u>	VL	#99F1F8
		<u>1116 M2</u>	VL	#A7F6FD
		<u>2116</u>	L/VL	#B2EBFC
	303/2	<u>3116</u>	L	#BCF0FF
		<u>4116</u>	L	#CBF1FC
EMERALD BLUE GREEN		CARIBBEAN TURQUOISE - TURQUOISE BLUE - LIGHT CYAN		
1121	215	<u>2121</u>	D	#207C86
		<u>3121</u>	D	#29B7B5
	315	<u>4121</u>	D/M	#87EAE6

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)
EMERALD BLUE GREEN		CARIBBEAN TURQUOISE - TURQUOISE BLUE - LIGHT CYAN		
1123	217	<u>2123</u>	D	#20BCC2
		<u>3123</u>	D/M	#77D5E0
		<u>4123</u>	M	#A5EBF3
1124	218	<u>1124 M1</u>	M	#13B3BD
		<u>1124 M2</u>	M	#4BC8D3
		<u>2124</u>	M	#59D3DE
		<u>3124</u>	M	#5DC8DF
	318	<u>4124</u>	M	#6AD0E6
1126	203/3	<u>1126 M1</u>	VL	#9BE0EC
		<u>1126 M2</u>	VL	#ACF3FB
		<u>2126</u>	L/VL	#B8F6FC
	303/3	<u>3126</u>	L	#C6FAFF
		<u>4126</u>	L	#D8FCFF
EMERALD GREEN BLUE		SLEEPING BEAUTY - ELECTRIC BLUE TURQUOISE		
1141	205	<u>2141</u>	D	#0D868E
		<u>3141</u>	D/M	#2B9ABC
		<u>4141</u>	D/M	#1DB0DA
1142	206	<u>1142 M1</u>	M	#2192BD
		<u>1142 M2</u>	M	#309ED2
		<u>2142</u>	M	#48A9D7
		<u>3142</u>	M	#4EBAED
	306	<u>4142</u>	M/L	#79CBF2
		<u>4142 A</u>	M/L	#7DDAF8
1144	207	<u>1144 M2</u>	M	#2EBBD9
		<u>2144</u>	M	#49C6E5
		<u>3144</u>	M	#5DD5EF
	307	<u>4144</u>	M/L	#8BEBFF
1146	203/4	<u>1146 M1</u>	VL	#9FE6F8
		<u>1146 M2</u>	VL/L	#A6E8FD
		<u>2146</u>	L	#B9F1FF
	303/4	<u>3146</u>	L	#C3F2FF
		<u>4146</u>	L	#D8F8FF

TRANSLUCENT - OPAQUE CATALOG

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)
TOURMALINE BLUE GREEN				PACIFIC - OCEAN BLUE
1151	231	2151	VD	#2D7691
		3151	D	#3797B3
	331	4151	D/M	#54B8D1
1153	233	1153 M1	VD	#0E728F
		1153 M2	VD	#1D7892
		2153	VD/D	#3499B2
		3153	D	#53B9D6
	333	4153	D/M	#6AC6E0
TOURMALINE INDICOLITE				CERULEAN BLUE
1086		1086 M2	ExD	#194667
		2086	ExD/VD	#2b5b7f
		3086	VD	#397397
		4086	VD/D	#579FCB
TOURMALINE MINT GREEN				PERSIAN TURQUOISE
1130		2130	VD	#347C8C
		3130	D	#49A8C0
		4130	D/M	#9FDBEA
1134		1134 M2	D	#59B8C6
		2134	D	#6FCADA
		3134	D/M	#9BDCEA
		4134	M	#AAEDF7
1137		1137 M1	L	#5BD5EF
		1137 M2	L	#50D7EF
		2137	M/L	#74D1EC
		3137	M	#79D7F2
		4137	M	#93DDF0
TOURMALINE MINT GREEN				SKY BLUE - LIGHT LAVENDER BLUE
1162	220	2162	M	#7EC7E5
		3162	M	#92D2EC
	320	4162	M	#AEE2F7

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)
TOURMALINE MINT GREEN			SKY BLUE - LIGHT LAVENDER BLUE	
1163	220A	<u>1163 M2</u>	L/VL	#B2E2FE
		<u>2163</u>	L	#9ED9FA
	320A	<u>3163</u>	L	#85D1FA
		<u>4163</u>	L	#A7DBF9
1164	220B	<u>1164 M1</u>	L	#9FD4F3
		<u>1164 M2</u>	L	#ABDAF5
		<u>2164</u>	L	#B8DFF5
		<u>3164</u>	L	#C7E6F8
	320B	<u>4164</u>	L	#D5EAF6
PARAIBA			AZURE - SKY - BABY BLUE	
1165		<u>1165 M2</u>	D	#1BA8C1
		<u>2165</u>	D	#1EACCF
		<u>3165</u>	D/M	#49A5DF
		<u>4165</u>	M	#63B8F1
		<u>4165 A</u>	M/L	#63B8F1
1166		<u>1166 M2</u>	D	#2891AF
		<u>2166</u>	D	#3D9BBE
		<u>3166</u>	D/M	#44A0D4
		<u>4166</u>	M	#6DBDEE
		<u>4166 A</u>	M/L	#8DCBF3
1169		<u>1169 M2</u>	M	#50BBDE
		<u>2169</u>	M	#51B6EF
		<u>3169</u>	M	#79C7EF
		<u>4169</u>	M/L	#96D7F8
1171	210/1	<u>1171 M2</u>	D	#368DE2
		<u>2171</u>	D	#459BF3
		<u>3171</u>	D/M	#53A4FF
		<u>4171</u>	M	#7FC6FF
1173	210/3	<u>1173 M1</u>	D/M	#5BB0FF
		<u>1173 M2</u>	D/M	#4EA5F5
		<u>2173</u>	M	#69B7FE
		<u>3173</u>	M/L	#7BBDF9
		<u>4173</u>	L	#89CEFF

TRANSLUCENT - OPAQUE CATALOG

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)
PARAIBA				AZURE - SKY - BABY BLUE
5282		<u>6282</u>	M/L	#3B7CBC
		<u>7282</u>	M/L	#4D9BDF
		<u>8282</u>	M/L	#7BC6F6
AQUAMARINE				GLACIER BLUE
1190	249/1	<u>1190 M1</u>	D/M	#2A82E6
		<u>1190 M2</u>	D/M	#287EE3
		<u>2190</u>	D/M	#3489E4
	349/1	<u>3190</u>	D/M	#53A5FF
		<u>4190</u>	M	#66B5FF
1192	249/3	<u>1192 M1</u>	M	#3294F1
		<u>1192 M2</u>	M	#3DA0FF
		<u>2192</u>	M	#5CACFF
		<u>3192</u>	M	#6AB4FF
	349/3	<u>4192</u>	M/L	#A2DAFF
1199	248	<u>1199 M1</u>	VL	#B2D6FF
		<u>1199 M2</u>	VL	#B1D7FF
		<u>2199</u>	VL/L	#BEDFFF
	348	<u>3199</u>	L	#CCE7FF
		<u>4199</u>	L	#E1F2FF
TOPAZ ROYAL GREENISH BLUE				TRUE BLUE
1206	247/1	<u>1206 M1</u>	D	#086BD9
		<u>1206 M2</u>	D	#1B7ADB
		<u>2206</u>	D	#2184F7
		<u>3206</u>	D	#449BFD
	347/1	<u>4206</u>	D/M	#88C6FF
1208	247/3	<u>1208 M1</u>	M/L	#2889F7
		<u>1208 M2</u>	M	#4298F9
		<u>2208</u>	M	#51A1FF
		<u>3208</u>	M	#78B7FF
	347/3	<u>4208</u>	M/L	#9BD3FF

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)
TOPAZ BLUE		BLUE DE FRANCE		
1220	242	<u>2220</u>	D	#005CEC
		<u>3220</u>	D	#116CFF
	342	<u>4220</u>	D/M	#7DB4FF
1221	243	<u>2221</u>	D	#1D72FC
		<u>3221</u>	D	#3883FF
	343	<u>4221</u>	D/M	#72B8FF
1223	344	<u>1223 M2</u>	L/VL	#75BAFF
		<u>2223</u>	L	#8EC5FF
		<u>3223</u>	L	#B3DBFF
		<u>4223</u>	L/VL	#BFDFFB
1224	245	<u>1224 M1</u>	VL	#C3DEFF
		<u>1224 M2</u>	VL	#BEDBFF
		<u>2224</u>	L/VL	#D1EAFF
		<u>3224</u>	L	#E2F4FF
		<u>4224</u>	L	#DCF4FF
TOPAZ BLUE		CLASSIC BLUE		
1235	235	<u>2235</u>	ExD	#1B2F58
		<u>3235</u>	VD	#223F6D
	335	<u>4235</u>	D	#4D81C0
1237	237	<u>1237 M2</u>	VD	#315D94
		<u>2237</u>	VD/D	#4772A8
		<u>3237</u>	D	#689BDA
	337	<u>4237</u>	D/M	#84C8FD
SPINEL		COBALT BLUE		
1241	204	<u>1241 M2</u>	VD/D	#4149C3
		<u>2241</u>	D	#253E99
	304	<u>3241</u>	D/M	#3268D5
		<u>4241</u>	M	#5C9CF9
		<u>4241 A</u>	M	#6BA6FB

TRANSLUCENT - OPAQUE CATALOG

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)
SPINEL				COBALT BLUE
1243	204/2	<u>2243</u>	D/M	#4488FB
		<u>3243</u>	M	#489AFA
	304/2	<u>4243</u>	M/L	#70BCFF
1245	204/4	<u>2245</u>	M/L	#4CA3FF
		<u>3245</u>	M/L	#67B3FA
	304/4	<u>4245</u>	L	#91CEF9
1249	NEW	<u>1249 M1</u>	L	#6CB4FF
		<u>1249 M2</u>	L	#7DBCFF
		<u>2249</u>	L	#93CCFF
		<u>3249</u>	L	#AEDAFA
		<u>4249</u>	L	#C6E6FF
5340		<u>5340 M2</u>	D	#1E2E8D
		<u>6340</u>	D	#2336A6
		<u>7340</u>	D	#1545BA
		<u>8340</u>	D/M	#2072FA
5343		<u>6343</u>	D/M	#3178E9
		<u>7343</u>	M	#5A9FFF
		<u>8343</u>	M/L	#73B5FF
5347		<u>5347 M1</u>	L	#8DC1FC
		<u>5347 M2</u>	L	#97C5FA
		<u>6347</u>	L	#9FC8F8
		<u>7347</u>	L	#AED3FD
		<u>8347</u>	L	#BAD7F8
1251	230/1	<u>1251 M1</u>	VD	#1C1F91
		<u>1251 M2</u>	VD/D	#1E1EA9
		<u>2251</u>	D	#214CBD
	330/1	<u>3251</u>	D	#275BCB
		<u>4251</u>	D/M	#3F7FF0

TRANSPARENT OLD REF NEW REF TONE COLOR (HEX CODE)
BLACK - GRAY - BLUISH GRAY ANGELITE

1264	2264	<u>1264 M1</u>	D/M	#5486A2
		<u>1264 M2</u>	D/M	#6486A6
		<u>2264</u>	M	#5E90C4
	3264	<u>3264</u>	M	#6B9DD0
		<u>4264</u>	M	#9EC8E9
		<u>4264 A</u>	M/L	#B2D6F2

BLACK - GRAY - BLUISH GRAY GRAY MOONSTONE

1284	295	<u>1284 M1</u>	M/L	#E7E7E7
		<u>1284 M2</u>	M/L	#EDEDED
		<u>2284</u>	M/L	#EBEBEB
	395	<u>3284</u>	L	#F1F1F1
		<u>4284</u>	L	#F7F7F7
		<u>4284 A</u>	L	#FCFCFC
5275	<u>5275 M1</u>	L	#E4E4E4	
	<u>5275 M2</u>		#EBEBEB	
	<u>6275</u>	L	#F1F1F1	
	<u>7275</u>	L	#F5F5F5	
	<u>8275</u>	L	#F9F9F9	
1275	<u>1275 M1</u>	L	#D7DADB	
	<u>1275 M2</u>	L	#E3E6E7	
	<u>2275</u>		#EBEEEF	
	<u>3275</u>	L	#F3F6F7	
	<u>4275</u>	L	#F8FAFB	

BLACK - GRAY - BLUISH GRAY BLACK SPINEL

300	300	<u>300/1</u>	ExD	#36373C
		<u>300/2</u>	VD	#46474D
		<u>300/3</u>	D	#42618E

SAPPHIRE SAPPHIRE BLUE

1290	221	<u>1290 M2</u>	ExD	#002A60
		<u>2290</u>	VD	#0D2A7A
		<u>3290</u>	VD/D	#1D44B7
	321	<u>4290</u>	D	#2266D1

TRANSLUCENT - OPAQUE CATALOG

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)
SAPPHIRE				
1292	221/3	<u>1292 M2</u>	VD	#18337A
		<u>2292</u>	VD/D	#18448A
		<u>3292</u>	D	#1E52AA
		321/3	<u>4292</u>	D/M
1300	222	<u>1300 M2</u>	VD	#0D2F76
		<u>2300</u>	VD/D	#0C3282
		<u>3300</u>	D	#154FA8
		322	<u>4300</u>	D
1302	221/3	<u>1302 M2</u>	VD	#033261
		<u>2302</u>	VD/D	#0C398C
		<u>3302</u>	D	#3268CA
		321/3	<u>4302</u>	D
1310	225/1	<u>1310 M1</u>	VD	#042F74
		<u>1310 M2</u>	VD	#073887
		<u>2310</u>	VD	#103E8C
		<u>3310</u>	VD/D	#2246AD
		325/1	<u>4310</u>	D
1312	225/3	<u>1312 M2</u>	VD	#133E87
		<u>2312</u>	VD/D	#1A489E
		<u>3312</u>	D	#174FB4
		325/3	<u>4312</u>	D/M
1335	223/1	<u>1335 M2</u>	D	#0932B3
		<u>2335</u>	D	#0D42C1
		<u>3335</u>	D/M	#1E4EE1
		323/1	<u>4335</u>	D/M
1336	223/2	<u>1336 M2</u>	D	#0E3EA4
		<u>2336</u>	D	#1448BB
		<u>3336</u>	D/M	#1B53CA
		323/2	<u>4336</u>	D/M

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)	PRICE REF
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SAPPHIRE			SAPPHIRE BLUE		
1340	224	<u>1340 M2</u>	D	#1438B8	
		<u>2340</u>	D	#133BCF	
	324	<u>3340</u>	D/M	#0E4ECE	
		<u>4340</u>	M	#246BFB	
1351	NEW	<u>1351 M2</u>	M	#2E74F2	
		<u>2351</u>	M	#2E79FF	
		<u>3351</u>	M	#7EA9FF	
		<u>4351</u>	M/L	#93BFFF	
5302	NEW	<u>6302</u>	D/M	#2462F1	
		<u>7302</u>	D/M	#2D75FD	
		<u>8302</u>	M	#7BB0FF	

TANZANITE			BLUE CHALCEDONY		
1361	227/2	<u>1361 M1</u>	M/L	#323EDB	
		<u>1361 M2</u>	M/L	#324ADB	
		<u>2361</u>	M/L	#325CDB	
	327/2	<u>3361</u>	M/L	#4473FE	
		<u>4361</u>	M/L	#78A4FF	

LAVENDER - LILAC - PINK			ROSE QUARTZ, PINK CORAL		
1376		<u>1376 M1</u>	M	#B27EDA	
		<u>1376 M2</u>	M	#D180FA	
		<u>2376</u>		#D883FF	
		<u>3376</u>	M	#DA96F7	
		<u>4376</u>	M	#DCAAF3	
1377		<u>2377</u>	M/L	#A75FAF	
		<u>3377</u>	M/L	#B579C9	
		<u>4377</u>	M/L	#D9AAEC	
1377/1		<u>1377/1 M</u>	L	#B896E7	
		<u>1377/1 M1</u>	L	#C39FF4	
		<u>1377/1 M2</u>	L	#D5B0F7	
		<u>2377/1</u>	L	#E0BFFF	
		<u>3377/1</u>		#EFD3FF	
		<u>4377/1</u>	L	#F3E1F8	

TRANSLUCENT - OPAQUE CATALOG

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)	PRICE REF
LAVENDER - LILAC - PINK			ROSE QUARTZ, PINK CORAL		
1379		<u>1379 M1</u>	L	#DB7EC4	
		<u>1379 M2</u>	L	#D88CD0	
		<u>2379</u>	L	#E195D5	
		<u>3379</u>	L	#E5A5DB	
		<u>4379</u>	L	#F5C7EE	
		<u>4379 A</u>	L	#FEE1FA	
1379/1		<u>1379/1 M1</u>	L	#E399E3	
		<u>1379/1 M2</u>	L	#EAA7EA	
		<u>2379/1</u>	L	#F9C0F9	
		<u>3379/1</u>	L	#FFDBFD	
		<u>4379/1</u>	L	#FFE6FE	
		<u>4379/1 A</u>	L	#FFEEFF	
LAVENDER - LILAC - PINK			LAVENDER QUARTZ		
5373		<u>5373 M2</u>	M	#5288F6	
		<u>6373</u>	M	#719DFA	
		<u>7373</u>	M	#89AFF8	
		<u>8373</u>	M/L	#A6C7FF	
1373		<u>1373 M2</u>	M/L	#9B90E4	
	270/1	<u>2373</u>	M/L	#A99EEE	
		<u>3373</u>	M/L	#B8B7F8	
	370/1	<u>4373</u>	M/L	#C8C7F9	
1380	278	<u>2380</u>	L	#D7B0E3	
		<u>3380</u>	L	#EFD9F4	
	378	<u>4380</u>	L	#E4DAF9	
1382	279	<u>2382</u>	L	#BCA5EC	
		<u>3382</u>	L	#BCB2F0	
	379	<u>4382</u>	L	#CECFF8	
LAVENDER - LILAC - PINK			BABY PINK ROSE QUARTZ		
1387	NEW	<u>2387</u>	VL	#D7B6F6	
		<u>3387</u>	VL	#DFC6F6	
		<u>4387</u>	VL	#EADCF7	

TRANSPARENT	OLD REF	NEW REF	TONE	COLOR (HEX CODE)	PRICE REF
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LAVENDER - LILAC - PINK	BABY PINK ROSE QUARTZ				
1388	NEW	<u>2388</u>	L		#D9B0F3
		<u>3388</u>	L		#E3C7F4
		<u>4388</u>	L		#E9D6F3
1390	NEW	<u>2390</u>	L		#E2BDF9
		<u>3390</u>	L		#E3CCF9
		<u>4390</u>	L		#F8E0FF
1391	283	<u>2391</u>	VL		#F6C3EA
		<u>3391</u>	VL		#FBD8F3
	383	<u>4391</u>	VL		#FFE4F9
1392	NEW	<u>2392</u>	L		#DCAAEE
		<u>3392</u>	L		#EDCBFA
		<u>4392</u>	L		#F8E5FF
1395	284A	<u>2395</u>	VL		#F8DADD
		<u>3395</u>	VL		#FBE2E4
	384A	<u>4395</u>	VL		#F8ECED

LAVENDER - LILAC - PINK	CHARM PINK - MIMI PINK QUARTZ				
1665		<u>2665</u>	M		#B764C5
		<u>3665</u>	M		#C787D7
		<u>4665</u>	M/L		#DCADE8
1666		<u>2666</u>	M		#D581D2
		<u>3666</u>	M		#D99DD7
		<u>4666</u>	M		#E5B6E3
		<u>4666 A</u>	M/L		#F0D2EF

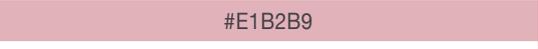
MORGANITE	LAVENDER - PINK JADE				
1410 A		<u>1410A M1</u>	D/M		#
		<u>1410A M2</u>	M		#
	281	<u>2410A</u>	M		#
		<u>3410A</u>	M		#
		<u>4410A</u>			#
	381	<u>4410A A</u>			#

TRANSLUCENT - OPAQUE CATALOG

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)	PRICE REF
MORGANITE			LAVENDER - PINK JADE		
1410 B		1410B M1		#8E89AF	
		1410B M2		#9691BA	
		2410B		#ACACD1	
		3410B		#B8BBE0	
		4410B		#BBC6E5	
		4410B A		#D2DCEF	
1410 C		1410C M1		#45548A	
		1410C M2		#586CA1	
		2410C		#7582BB	
		3410C		#7E8AC3	
		4410C		#7C9BD0	
		4410C A		#9EBBEC	
1411	282	1411 M1	M	#EED2C8	
		1411 M2	M	#EFCDC1	
		2411	M	#F3D2EA	
	382	3411	M	#E2CFF5	
		4411	M/L	#E7D9F3	
1422	280	1422 M1	L	#EACDCE	
		1422 M2		#F1D9D9	
		2422	L	#FCE7E7	
		2422 A		#FFECEC	
	380	3422	L/VL	#FDF3F3	
		4422		#FAF5F5	
		4422 A	VL	#FFF9F9	

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)	PRICE REF
MORGANITE			PINK MOONSTONE		
5435	5440	5435 M1	L	#E1B5AB	
		5435 M2	L	#EEC8C0	
		6435	L	#F9DFD8	
		7435	L	#F5E2DD	
		8435	L	#F6EEEE	
		8435 A	L	#FFF6F3	

TRANSPARENT	OLD REF	NEW REF	STONE	TONE	COLOR (HEX CODE)
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MORGANITE				PINK MOONSTONE	
1440	274	<u>1440 M2</u>	L		#E1B2B9
		<u>2440</u>	L		#ECC3C9
	374	<u>3440</u>	L		#F0D3D7
		<u>4440</u>	L		#F4DEE1
5441	1437	<u>5441 M1</u>	L		#F8D5CC
		<u>5441 M2</u>	L		#F9DCD5
		<u>6441</u>	L		#F9E3DE
		<u>7441</u>	L		#F8E9E6
		<u>8441</u>	L		#F8ECE9

CHAMPAGNE, GOLDEN AND BROWN TOPAZ				PEACH MOONSTONE	
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1450	275	<u>2450</u>	L		#ECCEA5
		<u>3450</u>	L/VL		#F2DBBB
	375	<u>4450</u>	VL		#F2E6D5
5455	1447	<u>6455</u>	M/L		#E5C0B3
	175 A	<u>7455</u>	M/L		#EED5CB
	3447	<u>8455</u>	M/L		#F3E6E1
5458	2458	<u>6458</u>	L		#FFD99B
		<u>7458</u>	L		#FFE7B9
	3458	<u>8458</u>	L		#FDF3D2
1468		<u>2468</u>	L		#F0DCD2
		<u>3468</u>	L		#F3E4DC
		<u>4468</u>	L		#F6EBE6
5260		<u>6260</u>	D		#CA9479
		<u>7260</u>	D/M		#C69C75
		<u>8260</u>	M		#DFCCAB
5266	262/1	<u>6266</u>	D/M		#D0A58F
		<u>7266</u>	M		#CBBAA2
	362/1	<u>8266</u>	M/L		#D2C9BD

TRANSLUCENT - OPAQUE CATALOG

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)
CHAMPAGNE, GOLDEN AND BROWN TOPAZ			BROWN MOONSTONE	
5460		5460 M1	M	#F1B748
		5460 M2	M	#F7BC4A
		6460	M	#FAC764
		7460	M	#FFD27A
		8460	M/L	#FFD98F
5461		5461 M1	M	#FAC35C
		5461 M2	M	#FCCA6A
		6461	M	#FFD687
		7461	M	#FFDD9C
		8461	M/L	#FFE3AE
5462		5462 M1	M	#FFCB6E
		5462 M2	M	#FFD17F
		6462	M	#FFD891
		7462	M	#FFDEA1
		8462	M/L	#FFE6B8
5463		5463 M1	M	#F4CE86
		5463 M2	M	#FAD58F
		6463	M	#FAD696
		7463	M	#FFDC9E
		8463	M/L	#FFE1AB
5464		5464 M1	M	#F4CA86
		5464 M2	M	#FAD18F
		6464	M	#FAD496
		7464	M	#FFDA9E
		8464	M/L	#FFDFAB

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)		
COLOR - CHANGE	COLOR CHANGE JADE AND MOONSTONE					
5492	5410	<u>5492 M1</u>	L	#D0B4F7 #B3A6F7		
		<u>5492 M2</u>	L	#D4BAF8 #B7ABF8		
		<u>6492</u>	L	#D9C1FA #BDB2FA		
		<u>7492</u>	L	#E0CAFD #C5BBFD		
		<u>8492</u>	L	#E5D1FF #CEC5FF		
		<u>8492 A</u>	L	#E7D6FF #D7CFFF		
		5487	5412	<u>5487 M1</u>	M/L	#EAC9CB #EACAD8
				<u>5487 M2</u>	M/L	#F3D1D3 #F3D1E0
				<u>6487</u>	M/L	#F7DEDF #F7DFE9
				<u>7487</u>	M/L	#F7E8E8 #F7E9EF
<u>8487</u>	M/L			#FAEEEE #FAEEF4		
<u>8487 A</u>	M/L			#FFF3F3 #FFF3F9		
5481	5413			<u>5481 M1</u>	M/L	#EDD0A1 #EEE68A
				<u>5481 M2</u>	M/L	#EDD4AC #EEE796
				<u>6481</u>	M/L	#EDDCC1 #EEE9B3
				<u>7481</u>	M/L	#F4E6CF #F5F1C4
		<u>8481</u>	M/L	#F4EFE5 #F3F4CF		

TRANSLUCENT - OPAQUE CATALOG

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)
SAPPHIRE - TANZANITE - AMETHYST				ROYAL BLUE LAPIS LAZULI
5000	1500	<u>6000</u>	ExD	#1C2F61
		<u>7000</u>	VD	#274AA2
		<u>8000</u>	D	#3E7BE5
5006	1506	<u>6006</u>	VD	#2C4C98
		<u>7006</u>	D	#3456B4
		<u>8006</u>	D/M	#679AF2
5013	1704	<u>6013</u>	ExD	#263980
		<u>7013</u>	VD	#2E459E
		<u>8013</u>	VD/D	#3859B1
5018		<u>6018</u>	VD/D	#2D3E84
		<u>7018</u>	D/M	#4070D8
		<u>8018</u>	M	#6BA9FF
5021	226/1	<u>6021</u>	VD	#2C4077
		<u>7021</u>	VD/D	#3C53AE
	326/1	<u>8021</u>	D	#4682E7

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)
SAPPHIRE - TANZANITE - AMETHYST				DARK PURPLE BLUE JADE
5036		<u>6036</u>	VD/D	#3D478D
		<u>7036</u>	D	#4B60B4
		<u>8036</u>	D/M	#7495F2
5045	264/4	<u>6045</u>	VD	#30267C
		<u>7045</u>	VD/D	#3C3EA8
	364/4	<u>8045</u>	D	#5C65D5
5055		<u>6055</u>	VD/D	#424095
		<u>7055</u>	D	#6069C1
		<u>8055</u>	D/M	#8D9DFB

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)
RUBELLITE			LAVENDER JADE	
5063	287/3	<u>6063</u>	VD/D	#7156A8
		<u>7063</u>	D	#927CCC
		<u>387/3</u>	<u>8063</u>	D/M
5075		<u>6075</u>	D	#C47BE1
		<u>7075</u>	D/M	#C199F2
		<u>8075</u>	M	#DAC2FF

RUBELLITE			PURPLE JADE	
5085		<u>6085</u>	D	#D470C5
		<u>7085</u>	D/M	#DD85DA
		<u>8085</u>	M	#F2C7FF
5091	290/2	<u>6091</u>	VD/D	#9B5287
		<u>7091</u>	VD/D	#AF67AD
		<u>390/2</u>	<u>8091</u>	D
5093	290/3	<u>6093</u>	D/M	#BE77C9
		<u>7093</u>	M	#BC86D4
		<u>390/3</u>	<u>8093</u>	M/L
5095		<u>6095</u>	D/M	#C878D6
		<u>7095</u>	M	#F3B4EE
		<u>8095</u>	L	#FFDEFF

RUBY			PURPLE JADE	
5101	285/1	<u>6101</u>	VD	#713E6E
		<u>7101</u>	D	#875AB2
		<u>385/1</u>	<u>8101</u>	D/M
5105	285/5	<u>6105</u>	D/M	#C86CC3
		<u>7105</u>	D/M	#D995E9
		<u>385/5</u>	<u>8105</u>	M
5121	288/1	<u>6121</u>	VD	#7D4C80
		<u>7121</u>	D	#855FA8
		<u>388/1</u>	<u>8121</u>	D/M
5125	288/5	<u>6125</u>	D/M	#D985E1
		<u>7125</u>	D/M	#DFA5EC
		<u>388/5</u>	<u>8125</u>	M

TRANSLUCENT - OPAQUE CATALOG

TRANSPARENT	OLD REF	NEW REF	STONE	COLOR (HEX CODE)
TOURMALINE ORANGISH RED				BROWNISH PURPLE JADE
5140	289/1	<u>6140</u>	VD/D	#35214A
		<u>7140</u>	D	#493E7B
	389/1	<u>8140</u>	D/M	#7976B8
		<u>8140 A</u>		#7164A9
5145		<u>6145</u>		#4D2250
		<u>7145</u>		#684C93
		<u>8145</u>		#8A7ABC
GARNET RED				BROWNISH PURPLE JADE
5190	259	<u>6190</u>	VD/D	#351521
		<u>7190</u>	D/M	#655387
	359	<u>8190</u>	M	#9B8EBE
5192	260/2	<u>6192</u>	D	#582B53
		<u>7192</u>	D/M	#7D588C
	360/2	<u>8192</u>	M	#B59BCA
5195		<u>6195</u>	VD/D	#5D3462
		<u>7195</u>	D	#9C76AA
		<u>8195</u>	M	#8279A5
5243	NEW	<u>6243</u>	D	#4D2A57
		<u>7243</u>	D/M	#775C98
		<u>8243</u>	M	#9F90C5



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