Heavy Body Acrylics - Pigment Detail Chart

Heavy Body Color Page

	Color Name (ItemNumber) ▼	Pigment Classification	Color Index Name	Color Index Number	Chemical Description	Opacity / Transparency	Lightfastness rating	Permanency	Munsell Notation Listing	Gloss Average	Viscosity Range	CIE L*a*b* Values	Tint Strength
	Titanate Yellow (1375)	Synthetic Inorganic	PY53	77788	Nickel Antimony Titanate	◪ Semi-Opaque	☼	Excellent	Hue:10 Value:8 Chroma:8.6	54.79	23000-27000 CPS	L*88.93 a*-6.36 b*56.29	96.83
	Cadmium Yellow Primrose (1135)	Synthetic Inorganic	PY35	77205	Concentrated Cadmium Zinc Sulfide	■ Opaque	☼		Hue:10 Value:0 Chroma:16	60.92	23000-27000 CPS	L*91.06 a*-8.78 b*85.05	96.38
	Bismuth Vanadate Yellow (1007)	Inorganic	PY184	771740	Bismuth Vanadate	◪ Semi-Opaque	☼	Excellent	Hue:7.7 Value:9 Chroma:12.4	76.3	23000-27000 CPS	L*90.21 a*-3.92 b*91.23	95.93
	Light Bismuth Yellow (1574)	Mixture	PW6 / PY184	77891, 771740	Titanium Dioxide Rutile / Bismuth Vanadate	◪ Semi-Opaque	☼	Excellent	Hue:1 GY Value:9.6 Chroma:5.2	0	N/A	L*95.73 a*-8.17 b*39.82	0
	Cadmium Yellow Light (1120)	Synthetic Inorganic	PY35	77205	Concentrated Cadmium Zinc Sulfide	■ Opaque	☼		Hue:8.5 Value:8.7 Chroma:16	57.35	23000-27000 CPS	L*88.89 a*-1.72 b*94.38	95.19
	Primary Yellow (1530)	Synthetic Organic	PY175 / PW6 / PY74	11710 / 11738 / 77891	Benzimidazolone Yellow H6G / Titanium Dioxide Rutile / Arylide Yellow 5GX	⧄ Semi-Transparent	☼	Excellent	Hue:4.6 Value:8 Chroma:13	44.27	20000-24000 CPS	L*84.6 a*7.27 b*90.03	95.17
	Benzimidazolone Yellow Light (1009)	Synthetic Organic	PY175	11784	Benzimidazolone Yellow H6G	☐ Transparent	☼	Excellent	Hue:5 Y Value:8.4 Chroma:13	0	N/A	L*83.43 a*4.73 b*91.99	0
	Benzimidazolone Yellow Medium (1008)	Synthetic Organic	PY154	11781	Benzimidazolone Yellow H3G	⧄ Semi-Transparent	☼	Excellent	Hue:2.6 Y Value:8.1 Chroma:14	0	N/A	L*80.04 a*15.76 b*93.13	0
	Hansa Yellow Opaque (1191)	Synthetic Organic	PY74	11741	Arylide Yellow 5GX	◪ Semi-Opaque	☼	Excellent	Hue:5 Value:0 Chroma:16	78.28	23000-27000 CPS	L*85.41 a*11.09 b*93.99	92.91
	Cadmium Yellow Medium (1130)	Synthetic Inorganic	PY35	77205	Concentrated Cadmium Zinc Sulfide	■ Opaque	☼		Hue:3 Value:0 Chroma:16.1	66.74	23000-27000 CPS	L*83.91 a*15.55 b*94.46	92.35
	Cadmium Yellow Medium Hue (1554)	Synthetic Organic (Mixture)	PY74 / PY175 / PY83(HR70)	21108 / 77788 / 11710	Arylide Yellow 5GX / Benzimidazolone Yellow H6G / Diarylide Yellow HR70	◪ Semi-Opaque	☼	Excellent	Hue:1.5 Value:0 Chroma:13.7	73.8	23000-27000	L*81.47 a*16.5 b*78.94	93.75
	Nickel Azo Yellow (1225)	Synthetic Organic	PY150	12764	Nickel Complex Azo	☐ Transparent	☼	Excellent	Hue:8.4 Y Value:5 Chroma:7	94.21	14000-17000 CPS	L*51.2 a*16.3 b*41.5	90.7
	India Yellow Hue (1455)	Synthetic Organic (Mixture)	PY175 / PY150 / PR206	11738 / 12764 / N/A	Benzimidazolone Yellow H6G / Nickel Complex Azo / Quinacridone	☐ Transparent	☼	Excellent	Hue:5 Value:5.3 Chroma:9.5	86.88	16000-20000 CPS	L*55.2 a*28.9 b*48.11	90.36
	Quinacridone / Nickel Azo Gold (1301)	Synthetic Organic (Mixture)	PY150 / PO48	73900/73920 / 12764	Nickel Complex Azo / Quinacridone	☐ Transparent	☼	Excellent	Hue:2.2 Y Value:3 Chroma:4	83	14000-17000 CPS	L*34.34 a*18.65 b*14.23	84.1
NEW	Azo Gold (1302)	Mixture	PR101 / PY150	77491 / 12764	Synthetic Iron Oxide / Nickel Complex Azo	☐ Transparent	ASTM ☼	Excellent	Hue:0 Value:0 Chroma:0	0		L*0 a*0 b*0	0
NEW	Benzimidazolone Burnt Orange (1006)	Synthetic Organic	PBr25	12510	Benzimidazolone Brown	⧄ Semi-Transparent	☼	Excellent	Hue:0 Value:0 Chroma:0	0		L*0 a*0 b*0	0
	Cadmium Yellow Dark (1110)	Synthetic Inorganic	PY35	77205	Concentrated Cadmium Zinc Sulfide	■ Opaque	☼		Hue:9 Y Value:7.7 Chroma:16.5	68.02	23000-27000 CPS	L*78.08 a*26.94 b*85.98	91.01
NEW	Isoindolinone Yellow (1193)	Synthetic Organic	PY110	56280	Isoindolinone Yellow	⧄ Semi-Transparent	ASTM ☼	Excellent	Hue:0 Value:0 Chroma:0	0		L*0 a*0 b*0	0
	Diarylide Yellow (1147)	Synthetic Organic	PY83(HR70)	21108	Diarylide Yellow HR70	◪ Semi-Opaque	☼	Excellent	Hue:8 Y Value:0 Chroma:15.8	85.52	23000-27000 CPS	L*75.48 a*33.38 b*80.36	88.16
	Cadmium Orange (1070)	Synthetic Inorganic	PO20	77202	Concentrated Cadmium Sulfoselenide	■ Opaque	☼		Hue:2 Y Value:6.2 Chroma:17.5	84.35	23000-27000 CPS	L*63.85 a*53.5 b*63.6	83.3
	Vat Orange (1403)	Synthetic Organic	PO43	71105	Perinone Orange	◪ Semi-Opaque	☼	Excellent	Hue:10 Value:5.2 Chroma:15.3	88.03	16000-18000 CPS	L*54.19 a*53.46 b*48.12	79.62
	Pyrrole Orange (1276)	Synthetic Organic	PO73	561170	Diketopyrrole-pyrrole	◪ Semi-Opaque	☼	Excellent	Hue:9 Value:0 Chroma:18	70.05	23000-27000 CPS	L*55.97 a*59.52 b*53.43	81.55
	Light Orange (1575)	Mixture	PW6 / PY184 / PO73	77891, 77491, 77492	Titanium Dioxide Rutile / Bismuth Vanadate / Diketopyrrole-pyrrole	■ Opaque	☼	Excellent	Hue:2.9 YR Value:8.5 Chroma:5.3	0	N/A	L*85.44 a*18.01 b*23.76	0
	Cadmium Red Light (1090)	Synthetic Inorganic	PR108	77202	Concentrated Cadmium Sulfoselenide	■ Opaque	☼		Hue:9 Value:5.2 Chroma:15.9	80.36	23000-27000 CPS	L*51.78 a*57.62 b*42.74	76.6
	Pyrrole Red Light (1279)	Synthetic Organic	PR255	561050	Diketopyrrole-pyrrole	◪ Semi-Opaque	☼	Excellent	Hue:8 Value:4.2 Chroma:17	88.92	23000-27000 CPS	L*47.7 a*56.46 b*37.62	75.61

🟥	Naphthol Red Light (1210)	Synthetic Organic	PR112	12370	Naphthol AS-D	⧄ Semi-Transparent	☼	Very Good	Hue:7 Value:4.2 Chroma:17	49.2	18000-22000 CPS	L*44.02 a*50.85 b*32.4	72.21
🟥	Pyrrole Red (1277)	Synthetic Organic	PR254	56110	Diketopyrrole-pyrrole	◪ Semi-Opaque	☼	Excellent	Hue:6.5 Value:4.2 Chroma:17	88.11	23000-27000 CPS	L*42.26 a*54.6 b*31.25	73.37
🟥	Cadmium Red Medium (1100)	Synthetic Inorganic	PR108	77202	Concentrated Cadmium Sulfoselenide	■ Opaque	☼		Hue:7 Value:4.2 Chroma:16	78.88	23000-27000 CPS	L*42.85 a*50.1 b*27.7	73.92
🟥	Cadmium Red Medium Hue (1552)	Synthetic Organic (Mixture)	PR112 / PR5	73915 / 12490	Naphthol AS-D / Naphthol ITR	⧄ Semi-Transparent	☼	Very Good	Hue:9 Value:3 Chroma:13.4	74.7	20000-25000	L*42.05 a*48.29 b*29.06	73.39
🟥	Cadmium Red Dark (1080)	Synthetic Inorganic	PR108	77202	Concentrated Cadmium Sulfoselenide	■ Opaque	☼		Hue:4.7 Value:3 Chroma:10.5	50.6	23000-27000 CPS	L*38.2 a*42.27 b*19.41	71.14
🟥	Pyrrole Red Dark (1278)	Organic	PR264	N/A	Diketopyrrole-pyrrole	◪ Semi-Opaque	☼	Excellent	Hue:5 Value:3 Chroma:11	79.1	23000-27000 CPS	L*37.35 a*44.5 b*21.51	68.89
🟥	Primary Magenta (1510)	Synthetic Organic	PV19	73900	Quinacridone	◪ Semi-Opaque	☼	Excellent	Hue:4.6 Value:4 Chroma:11.4	21.7	23000-27000 CPS	L*40.82 a*46.03 b*21.21	76.55
🟪	Light Magenta (1562)	Mixture	PW6 / PR112 / PO73	12370 / 77891 / 73900	Titanium Dioxide Rutile / Naphthol AS-D / Diketopyrrole-pyrrole	■ Opaque	☼	Very Good	Hue:10 R Value:0 Chroma:8	87.58	20000-27000 CPS	L*70.96 a*37.15 b*2.27	87.58
🟥	Naphthol Red Medium (1220)	Synthetic Organic	PR5	12490	Naphthol ITR	◪ Semi-Opaque	☼	Very Good	Hue:6 Value:3 Chroma:10.6	80.08	23000-27000 CPS	L*36.83 a*38.81 b*20.83	71.47
NEW 🟥	Naphthol Pink (1579)	Mixture	PW6 / PR112	77891 / 12370	Titanium Dioxide Rutile / Naphthol AS-D	■ Opaque	ASTM ☼	Very Good	Hue:0 Value:0 Chroma:0	0		L*0 a*0 b*0	0
🟥	Quinacridone Red (1310)	Synthetic Organic	PV19	73900	Quinacridone	☐ Transparent	☼	Excellent	Hue:2.5 Value:3.2 Chroma:12	82.26	23000-27000 CPS	L*37.74 a*40.88 b*15.2	76.49
🟥	Alizarin Crimson Hue (1450)	Synthetic Organic (Mixture)	PR206 / PR122 / PG7	73915 / N/A / 74260	Quinacridone / Quinacridone / Chlorinated Copper Phthalocyanine	☐ Transparent	☼	Excellent	Hue:10 R Value:2 Chroma:1.2	100.92	16000-20000 CPS	L*27.94 a*9.37 b*2.19	73.1
🟥	Permanent Maroon (1252)	Mixture	PR206 / PR202 / PR122 / PR101 / PG36	73903 / 73907 / 73915 / 77491 / 74265	Quinacridone / Quinacridone / Quinacridone / Synthetic Iron Oxide / Brominated and Chlorinated Copper Phthalocyanine	☐ Transparent	☼	Excellent	Hue:8.8 R Value:2 Chroma:1	70.8	23000-27000 CPS	L*26.79 a*5.22 b*0.03	72.59
🟥	Quinacridone Magenta (1305)	Synthetic Organic	PR122	73915	Quinacridone	☐ Transparent	☼	Excellent	Hue:10 R Value:2 Chroma:10	97.99	14000-17000 CPS	L*31.41 a*27.69 b*2.75	73.51
🟪	Medium Magenta (1570)	Mixture	PW6 / PR122	73915 / 77891	Titanium Dioxide Rutile / Quinacridone	■ Opaque	☼	Excellent	Hue:3 R Value:4 Chroma:11.6	78.66	18000-22000	L*51.76 a*47.31 b*-17.15	78.66
🟥	Quinacridone Violet (1330)	Synthetic Organic	PV19	73900	Quinacridone	☐ Transparent	☼	Excellent	Hue:10 R Value:2 Chroma:8	80.25	23000-27000 CPS	L*29.4 a*22.71 b*6.07	70.65
🟪	Permanent Violet Dark (1253)	Mixture	PR122 / PB60	69800 / 73915	Quinacridone / Indanthrone	☐ Transparent	☼	Excellent	Hue:3 R Value:1 Chroma:3	97.79	14000-17000 CPS	L*26.64 a*7.65 b*-5.02	73
🟪	Cobalt Violet Hue (1465)	Mixture	PV19 / PW6 / PR122 / PV23	73900 / 73915 / 77947 / 51319	Quinacridone / Titanium Dioxide Rutile / Quinacridone / Carbazole Dioxazine	◪ Semi-Opaque	☼	Very Good	Hue:3.5 R Value:2.9 Chroma:3.2	29.12	20000-27000 CPS	L*28.98 a*19.04 b*-7.49	77.59
🟪	Medium Violet (1572)	Mixture	PW6 / PR122 / PV23 / PBr7	73915 / 77891 / 51319 / 77491	Titanium Dioxide Rutile / Quinacridone / Carbazole Dioxazine / Calcined Natural Iron Oxide containing Manganese	■ Opaque	☼	Very Good	Hue:3.2 Value:3.4 Chroma:7.5	72.29	18000-25000	L*34.95 a*19.71 b*-24.45	72.29
🟪	Light Violet (1568)	Mixture	PW6 / PV23	77891 / 51319	Titanium Dioxide Rutile / Carbazole Dioxazine	■ Opaque	☼	Very Good	Hue:9 P Value:4 Chroma:7.7	77.95	20000-25000	L*52.21 a*18.39 b*-35.67	77.95
🟪	Ultramarine Violet (1401)	Synthetic Inorganic	PV15	77007	Polysulfide of Sodium-Alumino-Silicate	☐ Transparent	☼		Hue:2.5 Value:2 Chroma:2	15.93	23000-27000 CPS	L*25.37 a*8.43 b*-15.84	88.18
🟪	Dioxazine Purple (1150)	Synthetic Organic	PV23	51319	Carbazole Dioxazine	☐ Transparent	☼	Very Good	Hue:2.5 Value:0 Chroma:0.5	90.47	16000-21000 CPS	L*24.76 a*2.81 b*-0.17	67.34
🟦	Smalt Hue (1467)	Mixture	PB29 / PV23 / PBk7	77007 / 51319 / 77266	Polysulfide of Sodium-Alumino-Silicate / Carbazole Dioxazine / Nearly Pure Amorphous Carbon	☐ Transparent	☼	Very Good	Hue:5 P Value:2 Chroma:2	21.39	20000-27000 CPS	L*25.69 a*3.69 b*-14.17	88.69
🟦	Ultramarine Blue (1400)	Synthetic Inorganic	PB29	77007	Polysulfide of Sodium-Alumino-Silicate	⧄ Semi-Transparent	☼		Hue:8 P Value:0 Chroma:4.5	23.89	23000-27000 CPS	L*24.36 a*12.28 b*-25.74	79.94

▬	Light Ultramarine Blue (1566)	Mixture	PW6 / PB29	77007 / 77891	Titanium Dioxide Rutile / Polysulfide of Sodium-Alumino-Silicate	■	Opaque	☼	Excellent	Hue:3 P Value:6 Chroma:7.9	85.4	23000-27000 CPS	L*65.38 a*0.5 b*40.37	85.4
▬	Cobalt Blue (1140)	Synthetic Inorganic	PB28	77346	Oxides of Cobalt and Aluminum	⧄	Semi-Transparent	☼	Excellent	Hue:6 P Value:0 Chroma:11	69.45	23000-27000 CPS	L*36.63 a*9.51 b*-46.66	83.7
▬	Cobalt Blue Hue (1556)	Mixture	PB29 / PW6 / PB15:3	77007 / 74160 / 77891	Polysulfide of Sodium-Alumino-Silicate / Titanium Dioxide Rutile / Copper Phthalocyanine	◩	Semi-Opaque	☼	Excellent	Hue:4 P Value:3 Chroma:8.3	41.2	20000-23000	L*36.91 a*5.77 b*-42.41	76.96
▬	Cerulean Blue, Chromium (1050)	Synthetic Inorganic	PB36	---	Cobalt Chromate Spinel	◩	Semi-Opaque	☼	Excellent	Hue:1 P Value:0 Chroma:7.9	21.44	23000-27000 CPS	L*42.76 a*-12.04 b*-32.29	87.78
▬	Anthraquinone Blue (1005)	Synthetic Organic	PB60	69800	Indanthrone	⧄	Semi-Transparent	☼	Excellent	Hue:7.5 P Value:1.2 Chroma:3.3	94.74	14000-17000 CPS	L*24.44 a*5.02 b*-6	67.09
▬	Prussian Blue Hue (1460)	Mixture	PBk9 / PB15:0 / PV23	74160 / 51319 / 77266	Amorphous Carbon produced by charring animal bones / Copper Phthalocyanine / Carbazole Dioxazine	⧄	Semi-Transparent	☼	Very Good	Hue:8 Value:2.4 Chroma:1.5	73.78	16000-20000 CPS	L*24.61 a*2.16 b*-3.37	70.3
▬	Phthalo Blue (Red Shade) (1260)	Organometallic	PB15:0	74160	Copper Phthalocyanine	☐	Transparent	☼	Excellent	Hue:7.5 P Value:1.2 Chroma:6	95.07	16000-20000 CPS	L*24.42 a*5.29 b*-9.99	70.77
▬	Phthalo Blue (Green Shade) (1255)	Organometallic	PB15:3	74160	Copper Phthalocyanine	☐	Transparent	☼	Excellent	Hue:7 P Value:1.2 Chroma:6.5	94.21	16000-20000 CPS	L*24.95 a*8.48 b*-18.01	71.17
▬	Light Phthalo Blue (1577)	Mixture	PW6 / PB15:3	77891, 74160	Titanium Dioxide Rutile / Copper Phthalocyanine	■	Opaque	☼	Excellent	Hue:9.4 B Value:8 Chroma:6.4	0	N/A	L*82.65 a*-17.04 b*-21.09	0
▬	Primary Cyan (1500)	Mixture	PB15:3 / PW6	74160 / 77891	Copper Phthalocyanine / Titanium Dioxide Rutile	■	Opaque	☼	Excellent	Hue:5.4 P Value:3 Chroma:8.4	19.25	20000-25000 CPS	L*34.97 a*-3.22 b*-32.28	78.98
▬	Cerulean Blue Deep (1051)	Synthetic Inorganic	PB36	77343	Cobalt Chromate Spinel	◩	Semi-Opaque	☼	Excellent	Hue:1.2 P Value:0 Chroma:7.9	53.2	23000-27000 CPS	L*38.25 a*-16.56 b*-23.26	83.1
▬	Manganese Blue Hue (1457)	Mixture	PW6 / PB15:3 / PG7	74160 / 74260 / 77947	Titanium Dioxide Rutile / Copper Phthalocyanine / Chlorinated Copper Phthalocyanine	⧄	Semi-Transparent	☼	Excellent	Hue:6 Value:3.9 Chroma:7.3	91.61	18000-21000 CPS	L*41.18 a*-14.38 b*-31.78	87.92
▬	Azurite Hue (1464)	Mixture	PBr7 / PW6 / PB15:0	77947 / 74160 / 77492	Natural Iron Oxide containing Manganese / Titanium Dioxide Rutile / Copper Phthalocyanine	⧄	Semi-Transparent	☼	Excellent	Hue:7 P Value:3 Chroma:3.1	21.2	20000-27000 CPS	L*31.92 a*-5.25 b*-16.01	85.69
▬	Teal (1369)	Mixture	PW6 / PG7 / PB15:3	77891 / 74160 / 74260	Titanium Dioxide Rutile / Chlorinated Copper Phthalocyanine / Copper Phthalocyanine	■	Opaque	☼	Excellent	Hue:9.3 B Value:5 Chroma:9.4	83.7	20000-24000 CPS	L*62.4 a*-45.25 b*-13.35	86.24
▬	Cobalt Teal (1145)	Synthetic Inorganic	PG50	77377	Oxides of Nickel, Cobalt and Titanium	◩	Semi-Opaque	☼	Excellent	Hue:8.8 BG Value:5.5 Chroma:9	70.9	N/A	L*58.58 a*-43.11 b*-12.36	0
▬	Light Turquoise (Phthalo) (1564)	Mixture	PW6 / PG7 / PB15:3	74160 / 77891 / 74260	Titanium Dioxide Rutile / Chlorinated Copper Phthalocyanine / Copper Phthalocyanine	■	Opaque	☼	Excellent	Hue:1 B Value:0 Chroma:10.4	80.75	18000-24000 CPS	L*51.78 a*57.62 b*42.74	80.75
▬	Turquoise (Phthalo) (1390)	Mixture	PG7 / PB15:3	74160 / 74260	Chlorinated Copper Phthalocyanine / Copper Phthalocyanine	☐	Transparent	☼	Excellent	Hue:5 B Value:1.2 Chroma:2.6	93.44	16000-20000 CPS	L*25.76 a*-1.64 b*-8.12	74.57
▬	Cobalt Turquoise (1144)	Synthetic Inorganic	PB36	77343	Cobalt Chromate Spinel	◩	Semi-Opaque	☼	Excellent	Hue:10 B Value:3.7 Chroma:7.8	51.82	23000-27000 CPS	L*43.88 a*-28.92 b*-9.45	86.04
▬	Phthalo Green (Blue Shade) (1270)	Organometallic	PG7	74260	Chlorinated Copper Phthalocyanine	☐	Transparent	☼	Excellent	Hue:5 B Value:1.2 Chroma:5	94.02	16000-20000 CPS	L*27.19 a*-8.89 b*-4.8	78.54
▬	Viridian Green Hue (1469)	Mixture	PW6 / PB15:3 / PBr7 / PY150	77947 / 74160 / 12764 / 77492	Titanium Dioxide Rutile / Copper Phthalocyanine / Natural Iron Oxide containing Manganese / Nickel Complex Azo	⧄	Semi-Transparent	☼	Excellent	Hue:8.8 Value:3 Chroma:5	20.58	20000-25000 CPS	L*35.64 a*-24.01 b*0.39	85.29
▬	Phthalo Green (Yellow Shade) (1275)	Organometallic	PG36	74265	Brominated and Chlorinated Copper Phthalocyanine	☐	Transparent	☼	Excellent	Hue:5 Value:1.7 Chroma:5.4	93.74	16000-20000 CPS	L*27.82 a*-11.83 b*-0.17	83.69
▬	Light Phthalo Green (1578)	Mixture	PW6 / PG36	77891, 74265	Titanium Dioxide Rutile / Brominated and Chlorinated Copper Phthalocyanine	■	Opaque	☼	Excellent	Hue:2.2 BG Value:8.8 Chroma:3.9	0	N/A	L*89.66 a*-22.05 b*3.08	0

🟩	Permanent Green Light (1250)	Mixture	PY175 / PG7 / PW6	11710 / 74260	Benzimidazolone Yellow H6G / Chlorinated Copper Phthalocyanine / Titanium Dioxide Rutile	◪ Semi-Opaque	☼	Excellent	Hue:4 Value:3.7 Chroma:12	80.05	19000-23000 CPS	L*43.54 a*-46.94 b*17.96	83.5
🟩	Cobalt Green (1142)	Synthetic Inorganic	PG26	77344	Cobalt Chromite Green Spinel	◪ Semi-Opaque	☼	Excellent	Hue:10 Value:0 Chroma:5.5	47.06	23000-27000 CPS	L*35.93 a*-19 b*2.64	86.82
⬛	Hookers Green Hue (1454)	Synthetic Organic (Mixture)	PY150 / PB60 / PR122	73915 / 12764 / 69800	Nickel Complex Azo / Indanthrone / Quinacridone	⧄ Semi-Transparent	☼	Excellent	Hue:4 Value:2.6 Chroma:1	97.98	16000-20000 CPS	L*26.85 a*-2.63 b*-0.14	72.5
🟩	Jenkins Green (1195)	Mixture	PBk9 / PG36 / PY150	77267 / 12764 / 74265	Amorphous Carbon produced by charring animal bones / Brominated and Chlorinated Copper Phthalocyanine / Nickel Complex Azo	⧄ Semi-Transparent	☼	Excellent	Hue:8 G Value:1 Chroma:2.4	53.26	18000-22000 CPS	L*26.47 a*-3.3 b*-0.58	77.3
⬛	Sap Green Hue (1461)	Mixture	PR101 / PY150 / PG36 / PBk7	74265 / 77491 / 12764 / 77266	Synthetic Iron Oxide / Nickel Complex Azo / Brominated and Chlorinated Copper Phthalocyanine / Nearly Pure Amorphous Carbon	⧄ Semi-Transparent	☼	Excellent	Hue:0.75 Value:2.7 Chroma:1.2	96.24	16000-20000 CPS	L*27.81 a*-3.43 b*1.3	80.88
🟩	Terre Verte Hue (1468)	Mixture	PG17 / PBr7 / PBk9 / PY42 / PG36	77288 / 77267 / 77492 / 74265 / 77492	Anhydrous Chromium Sesquioxide / Natural Iron Oxide containing Manganese / Amorphous Carbon produced by charring animal bones / Synthetic Hydrated Iron Oxide / Brominated and Chlorinated Copper Phthalocyanine	☐ Transparent	☼	Excellent	Hue:7.2 G Value:3 Chroma:2.1	12.96	20000-25000 CPS	L*35.1 a*-7.21 b*8.47	91.29
🟩	Chromium Oxide Green Dark (1061)	Inorganic	PG17	77288	Anhydrous Chromium Sesquioxide	■ Opaque	☼	Excellent	Hue:9.7 G Value:3 Chroma:2.7	26.4	23000-27000 CPS	L*33.57 a*-9.37 b*8.61	87.51
🟩	Chromium Oxide Green (1060)	Synthetic Inorganic	PG17	77288	Anhydrous Chromium Sesquioxide	■ Opaque	☼	Excellent	Hue:9 G Value:0 Chroma:4.6	50.6	23000-27000 CPS	L*44.19 a*-15.5 b*16.04	81.19
🟩	Light Green (Blue Shade) (1558)	Mixture	PY175 / PW6 / PG7	74260 / 77891 / 1170	Benzimidazolone Yellow H6G / Titanium Dioxide Rutile / Chlorinated Copper Phthalocyanine	⧄ Semi-Transparent	☼	Excellent	Hue:10 G Value:6 Chroma:12	69.4	23000-27000	L*66.76 a*-53.77 b*44	89.67
🟩	Light Green (Yellow Shade) (1560)	Mixture	PY175 / PW6 / PG7	1170 / 77891 / 74260	Benzimidazolone Yellow H6G / Titanium Dioxide Rutile / Chlorinated Copper Phthalocyanine	◪ Semi-Opaque	☼	Excellent	Hue:8 G Value:7 Chroma:11.8	70	20000-27000	L*76.22 a*-43.51 b*54.1	92.61
🟩	Green Gold (1170)	Mixture	PY150 / PG36 / PY175	12764 / 74265 / 11710	Nickel Complex Azo / Brominated and Chlorinated Copper Phthalocyanine / Benzimidazolone Yellow H6G	☐ Transparent	☼	Excellent	Hue:2 G Value:4.2 Chroma:7.3	93.13	20000-24000 CPS	L*47.2 a*-12.25 b*32.2	89.11
⬜	Titan Green Pale (1371)	Mixture	PW6 / PY42 / PBr7 / PG7	77891,77492,77492,74260	Titanium Dioxide Rutile / Synthetic Hydrated Iron Oxide / Natural Iron Oxide containing Manganese / Chlorinated Copper Phthalocyanine	■ Opaque	☼	Excellent	Hue:5.9 GY Value:8 Chroma:1.7	0	N/A	L*80.49 a*-4.97 b*11.74	0
⬜	Titan Buff (1370)	Synthetic Inorganic	PW6:1 / PW6	77891	Titanium Dioxide Rutile / Titanium Dioxide Rutile	■ Opaque	☼	Excellent	Hue:4.5 Value:8.2 Chroma:2.8	35.52	23000-27000 CPS	L*84.57 a*2.01 b*16.99	92.87
🟨	Naples Yellow Hue (1459)	Mixture	PW6:1 / PW6 / PY42 / PY83(HR70)	77891 / 77492 / 21108	Titanium Dioxide Rutile / Titanium Dioxide Rutile / Synthetic Hydrated Iron Oxide / Diarylide Yellow HR70	■ Opaque	☼	Excellent	Hue:10 Y Value:7 Chroma:6.7	56.41	22000-24000 CPS	L*77.26 a*12.1 b*38.74	76.58
NEW 🟧	Naples Yellow Deep (1222)	Synthetic Inorganic	PBr24	77310	Chrome Antimony Titanate	■ Opaque	ASTM ☼	Excellent	Hue:0 Value:0 Chroma:0	0		L*0 a*0 b*0	0
🟧	Yellow Ochre (1407)	Natural Inorganic	PY43	77492	Natural Hydrated Iron Oxide	◪ Semi-Opaque	☼	Excellent	Hue:9.5 Y Value:0 Chroma:8.8	62.36	20000-24000 CPS	L*57.53 a*16.17 b*37.79	91.1
🟧	Yellow Oxide (1410)	Synthetic Inorganic	PY42	77492	Synthetic Hydrated Iron Oxide	◪ Semi-Opaque	☼	Excellent	Hue:9.5 Y Value:0 Chroma:8.4	79.21	23000-27000 CPS	L*61.2 a*15.03 b*43.46	86.07

	Transparent Yellow Iron Oxide (1386)	Synthetic Inorganic	PY42	77492	Synthetic Hydrated Iron Oxide	☐ Transparent	☼	Excellent	Hue:8 Y Value:4 Chroma:6	97.22	16000-20000 CPS	L*48.08 a*16.36 b*25.53	91.02
	Raw Sienna (1340)	Natural Inorganic	PY43	77492	Natural Hydrated Iron Oxide	◪ Semi-Opaque	☼	Excellent	Hue:9 Y Value:4 Chroma:6.6	27.98	23000-27000 CPS	L*88.09 a*4.82 b*12.73	88.08
	Mars Yellow (1202)	Synthetic Inorganic	PBr6	77491 & 2	Mixture of Synthetic Iron Oxides	■ Opaque	☼	Excellent	Hue:3.5 Y Value:4 Chroma:7.7	51.92	18000-22000 CPS	L*46.65 a*26.79 b*27.6	78.26
	Titan Mars Pale (1576)	Mixture	PW6 / PBr6	77891, 77491, 77492	Titanium Dioxide Rutile / Mixture of Synthetic Iron Oxides	◪ Semi-Opaque	☼	Excellent	Hue:1.6 YR Value:8.2 Chroma:3.5	0	N/A	L*82.25 a*12.42 b*13.12	0
	Transparent Red Iron Oxide (1385)	Synthetic Inorganic	PR101	77491 / 77266	Synthetic Iron Oxide	☐ Transparent	☼	Excellent	Hue:5 Y Value:2 Chroma:6	43.15	14000-20000 CPS	L*32.8 a*16.85 b*8.85	83.51
	Red Oxide (1360)	Synthetic Inorganic	PR101	77491	Synthetic Iron Oxide	■ Opaque	☼	Excellent	Hue:10 Value:0 Chroma:7.8	76.82	23000-27000 CPS	L*67.39 a*19.45 b*7.31	67.4
	Violet Oxide (1405)	Synthetic Inorganic	PR101	77491	Synthetic Iron Oxide	■ Opaque	☼	Excellent	Hue:0.5 Y Value:2.7 Chroma:5.5	65.9	23000-27000 CPS	L*32.13 a*17.48 b*8.24	77.03
	Titan Violet Pale (1573)	Mixture	PW6 / PR101	7789, 77491	Titanium Dioxide Rutile / Synthetic Iron Oxide	■ Opaque	☼	Excellent	Hue:1 RP Value:8.7 Chroma:2	0	N/A	L*87.85 a*4.32 b*-1.64	0
	Burnt Sienna (1020)	Natural Inorganic	PBr7	77491	Calcined Natural Iron Oxide	■ Opaque	☼	Excellent	Hue:3 Y Value:3.2 Chroma:4	13.63	20000-23000 CPS	L*33.67 a*16.86 b*12.58	80.56
	Transparent Brown Iron Oxide (1383)	Inorganic	PR101 / PBk7	77491 / 77266	Synthetic Iron Oxide / Nearly Pure Amorphous Carbon	☐ Transparent	☼	Excellent	Hue:2.9 Y Value:2 Chroma:0.8	84.4	23000-27000 CPS	L*29.07 a*3.72 b*3.12	78.63
	Burnt Umber Light (1035)	Natural Inorganic	PBr7	77491	Calcined Natural Iron Oxide containing Manganese	◪ Semi-Opaque	☼	Excellent	Hue:8 Y Value:0 Chroma:1.6	21.69	23000-27000 CPS	L*30.12 a*6.41 b*8.95	80.07
	Burnt Umber (1030)	Natural Inorganic	PBr7	77491	Calcined Natural Iron Oxide containing Manganese	■ Opaque	☼	Excellent	Hue:9 Y Value:2 Chroma:1	8.05	23000-27000 CPS	L*28.57 a*2.86 b*4.06	75.5
	Raw Umber (1350)	Natural Inorganic	PBr7	77492	Natural Iron Oxide containing Manganese	■ Opaque	☼	Excellent	Hue:3 Value:2 Chroma:1.3	16.59	23000-27000 CPS	L*29.25 a*1.04 b*2.67	76.39
	Van Dyke Brown Hue (1462)	Mixture	PR101 / PBk7	77491 / 77266	Synthetic Iron Oxide / Nearly Pure Amorphous Carbon	◪ Semi-Opaque	☼	Excellent	Hue:5 G Value:2 Chroma:0.7	99.81	14000-20000 CPS	L*27.04 a*0.34 b*-0.04	74.68
	Carbon Black (1040)	Natural Inorganic	PBk7	77266	Nearly Pure Amorphous Carbon	■ Opaque	☼	Excellent	Hue:0 Value:0 Chroma:0.3	79.23	23000-27000 CPS	L*25.77 a*0.2 b*-0.17	56.55
	Mars Black (1200)	Synthetic Inorganic	PBk11	77499	Synthetic Black Iron Oxide	■ Opaque	☼	Excellent	Hue:0 Value:0 Chroma:0.7	52.79	18000 22000 CPS	L*25.47 a*0.51 b*0.16	67.81
	Bone Black (1010)	Natural Inorganic	PBk9	77267	Amorphous Carbon produced by charring animal bones	◪ Semi-Opaque	☼	Excellent	Hue:0 Value:0 Chroma:0.5	32.62	20000-24000 CPS	L*24.58 a*-0.03 b*-0.46	78.87
	Payne's Gray (1240)	Mixture	PB29 / PBk7	77007 / 77266	Polysulfide of Sodium-Alumino-Silicate / Nearly Pure Amorphous Carbon	◪ Semi-Opaque	☼	Excellent	Hue:4 P Value:1.7 Chroma:0.6	29.3	23000-27000 CPS	L*24.12 a*0.05 b*-2.24	74.88
	Graphite Gray (1160)	Synthetic Inorganic	PBk10	77265	Crystallized Carbon	■ Opaque	☼	Excellent	Hue:0 Value:0 Chroma:0.7	14.18	23000-27000 CPS	L*38.7 a*0.52 b*0.6	84.22
	Zinc White (1415)	Synthetic Inorganic	PW4	77947	Zinc Oxide	⧄ Semi-Transparent	☼	Excellent	Hue:10 Value:1 Chroma:1.5	58.87	23000-27000 CPS	L*95.83 a*-0.49 b*0.56	27.2
	Titanium White (1380)	Synthetic Inorganic	PW6	77891	Titanium Dioxide Rutile	■ Opaque	☼	Excellent	Hue:10 Value:1 Chroma:1.1	43.15	22000-24000 CPS	L*98.28 a*-0.9 b*1.67	42.25
	N2 Neutral Gray (1442)	Mixture	PBk9 / PBr7 / PW6	77891 / 77267 / 77491	Amorphous Carbon produced by charring animal bones / Calcined Natural Iron Oxide / Titanium Dioxide Rutile	◪ Semi-Opaque	☼	Very Good	Hue:4.6 P Value:2 Chroma:0.1	21.32	20000-24000 CPS	L*28.73 a*-0.07 b*-0.88	77.33
	N3 Neutral Gray (1443)	Mixture	PBk9 / PW6 / PBr7	77891 / 77267 / 77491	Amorphous Carbon produced by charring animal bones / Titanium Dioxide Rutile / Calcined Natural Iron Oxide	◪ Semi-Opaque	☼	Very Good	Hue:6.3 Value:3.5 Chroma:3.5	19.08	20000-24000 CPS	L*35.5 a*0.14 b*-0.25	77.96
	N4 Neutral Gray (1444)	Mixture	PBk9 / PW6 / PBr7	77891 / 77267 / 77491	Amorphous Carbon produced by charring animal bones / Titanium Dioxide Rutile / Calcined Natural Iron Oxide	◪ Semi-Opaque	☼	Excellent	Hue:8.2 Value:4.2 Chroma:4.2	25.94	20000-24000 CPS	L*43.38 a*-0.09 b*-0.51	79.63

	N5 Neutral Gray (1445)	Mixture	PW6 / PBk9 / PBr7	77891 / 77267 / 77491	Titanium Dioxide Rutile / Amorphous Carbon produced by charring animal bones / Calcined Natural Iron Oxide	■ Opaque	☼	Excellent	Hue:8.3 Value:5.1 Chroma:5.1	31.53	20000-24000 CPS	L*52.02 a*-0.21 b*-0.28	82.2
	N6 Neutral Gray (1446)	Mixture	PW6 / PBk9 / PBr7	77891 / 77267 / 77491	Titanium Dioxide Rutile / Amorphous Carbon produced by charring animal bones / Calcined Natural Iron Oxide	■ Opaque	☼	Excellent	Hue:8.3 Value:6 Chroma:0.1	36.2	20000-24000 CPS	L*62.49 a*-0.04 b*0.47	85.1
	N7 Neutral Gray (1447)	Mixture	PW6 / PBk9 / PBr7	77891 / 77267 / 77491	Titanium Dioxide Rutile / Amorphous Carbon produced by charring animal bones / Calcined Natural Iron Oxide	■ Opaque	☼	Excellent	Hue:5.3 Value:0 Chroma:0.1	50.77	20000-24000 CPS	L*70.47 a*0 b*0.72	88.54
	N8 Neutral Gray (1448)	Mixture	PW6 / PBk9 / PBr7	77891 / 77267 / 77491	Titanium Dioxide Rutile / Amorphous Carbon produced by charring animal bones / Calcined Natural Iron Oxide	■ Opaque	☼	Excellent	Hue:6.2 Value:7 Chroma:0.1	51.5	20000-24000 CPS	L*80.83 a*-0.08 b*0.54	92.54
	Iridescent Copper Light (Fine) (4006)	Inorganic	N/A	N/A	Iron Oxide Coated Mica Particles	■ Opaque	N/A	Excellent	Hue:0 Value:0 Chroma:0	43.45	5000-6000 CPS	L*0 a*0 b*0	0
	Iridescent Copper Light (Coarse) (4106)	Inorganic	N/A	N/A	Iron Oxide Coated Mica Particles	■ Opaque	N/A	Excellent	Hue:0 Value:0 Chroma:0	23.28	5000-6000 CPS	L*0 a*0 b*0	0
	Iridescent Copper (Fine) (4005)	Inorganic	N/A	N/A	Iron Oxide Coated Mica Particles	■ Opaque	N/A	Excellent	Hue:0 Value:0 Chroma:0	0	5000-6000 CPS	L*0 a*0 b*0	0
	Iridescent Copper (Coarse) (4105)	Inorganic	N/A	N/A	Iron Oxide Coated Mica Particles	■ Opaque	N/A	Excellent	Hue:0 Value:0 Chroma:0	26.81	5000-6000 CPS	L*0 a*0 b*0	0
	Iridescent Bronze (Fine) (4003)	Mixed	N/A / PG7	- / 74260	Iron Oxide Coated Mica Particles / Chlorinated Copper Phthalocyanine	■ Opaque	N/A	Excellent	Hue:0 Value:0 Chroma:0	44.05	5000-6000 CPS	L*0 a*0 b*0	0
	Iridescent Gold (Fine) (4010)	Inorganic	N/A	N/A	Titanium Dioxide and Iron Oxide Coated Mica Particles	⧄ Semi-Transparent	N/A	Excellent	Hue:0 Value:0 Chroma:0	35.19	5000-6000 CPS	L*0 a*0 b*0	0
	Iridescent Gold (Coarse) (4110)	Inorganic	N/A	N/A	Iron Oxide Coated Mica Particles	⧄ Semi-Transparent	N/A	Excellent	Hue:0 Value:0 Chroma:0	31.39	5000-6000 CPS	L*0 a*0 b*0	0
	Iridescent Gold Deep (Fine) (4015)	Inorganic	N/A	N/A	Titanium Dioxide and Iron Oxide Coated Mica Particles	◪ Semi-Opaque	N/A	Excellent	Hue:0 Value:0 Chroma:0	30.3	5000-6000 CPS	L*0 a*0 b*0	0
	Iridescent Bright Gold (Fine) (4012)	Mixed	N/A / PR101 / PY150	N/A / 77491 / 12764	Titanium Dioxide and Iron Oxide Coated Mica Particles / Synthetic Iron Oxide / Nickel Complex Azo	⧄ Semi-Transparent	☼	Excellent	Hue:0 Value:0 Chroma:0	42.8	5000-6000 CPS	L*0 a*0 b*0	0
	Gold Mica Flake (Small) (4076)	Inorganic	N/A	N/A	Natural Mica Flakes	N/A	N/A	Excellent	Hue:0 Value:0 Chroma:0	0	5000-6000 CPS	L*0 a*0 b*0	0
	Gold Mica Flake (Large) (4078)	Inorganic	N/A	N/A	Natural Mica Flakes	N/A	N/A	Excellent	Hue:0 Value:0 Chroma:0	0	5000-6000 CPS	L*0 a*0 b*0	0
	Iridescent Pearl (Fine) (4020)	Inorganic	N/A	N/A	Titanium Dioxide coated Mica particles	⧄ Semi-Transparent	N/A	Excellent	Hue:0 Value:0 Chroma:0	36.33	5000-6000 CPS	L*0 a*0 b*0	0
	Iridescent Pearl (Coarse) (4120)	Inorganic	N/A	N/A	Titanium Dioxide coated Mica particles	☐ Transparent	N/A	Excellent	Hue:0 Value:0 Chroma:0	22.02	5000-6000 CPS	L*0 a*0 b*0	0
	Pearl Mica Flake (Small) (4077)	Inorganic	N/A	N/A	Natural Mica Flakes	N/A	N/A	Excellent	Hue:0 Value:0 Chroma:0	0	5000-6000 CPS	L*0 a*0 b*0	0
	Iridescent Silver (Fine) (4025)	Inorganic	N/A / PBk7	N/A	Titanium Dioxide coated Mica particles / Nearly Pure Amorphous Carbon	◪ Semi-Opaque	N/A	Excellent	Hue:0 Value:0 Chroma:0	37.66	5000-6000 CPS	L*0 a*0 b*0	0
	Iridescent Stainless Steel (Fine) (4028)	Inorganic	N/A	N/A	Iron, Chromium, Nickel	⧄ Semi-Transparent	N/A	Excellent	Hue:0 Value:0 Chroma:0	22.1	5000-6000 CPS	L*0 a*0 b*0	0
	Iridescent Stainless Steel (Coarse) (4027)	Inorganic	N/A	N/A	Iron, Chromium, Nickel	⧄ Semi-Transparent	N/A	Excellent	Hue:0 Value:0 Chroma:0	25.48	5000-6000 CPS	L*0 a*0 b*0	0
	Micaceous Iron Oxide (4080)	Inorganic	PR101	77491	Specular Hematite Ore	◪ Semi-Opaque	N/A	Excellent	Hue:0 Value:0 Chroma:0	1.14	8000-12000 CPS	L*0 a*0 b*0	0
	Black Mica Flake (Small) (4075)	Inorganic	N/A	N/A	Natural Mica Flakes	N/A	N/A	Excellent	Hue:0 Value:0 Chroma:0	0	5000-6000 CPS	L*0 a*0 b*0	0
	Coarse Alumina (4082)	Inorganic	N/A	N/A	Aluminum Oxide Particles	N/A	N/A	Excellent	Hue:0 Value:0 Chroma:0	0.75	7500-9500 CPS	L*0 a*0 b*0	0

⬜	Interference Gold (Fine) (4040)	Inorganic	N/A	N/A	Titanium Dioxide coated Mica particles	☐	Transparent	N/A	Excellent	Hue:0 Value:0 Chroma:0	37.7	5000-6000 CPS	L*0 a*0 b*0	0
⬜	Interference Orange (Fine) (4055)	inorganic	N/A	N/A	Titanium Dioxide coated Mica particles	☐	transparent	☼	N/A	Hue:0 Value:0 Chroma:0	37.7	5000-6000 CPS	L*0 a*0 b*0	0
⬜	Interference Red (Fine) (4060)	Inorganic	N/A	N/A	Titanium Dioxide coated Mica particles	☐	Transparent	N/A	Excellent	Hue:0 Value:0 Chroma:0	30.86	5000-6000 CPS	L*0 a*0 b*0	0
⬜	Interference Violet (Fine) (4070)	Inorganic	N/A	N/A	Titanium Dioxide coated Mica particles	☐	Transparent	N/A	Excellent	Hue:0 Value:0 Chroma:0	35.61	5000-6000 CPS	L*0 a*0 b*0	0
⬜	Interference Blue (Fine) (4030)	Inorganic	N/A	N/A	Titanium Dioxide coated Mica particles	☐	Transparent	N/A	Excellent	Hue:0 Value:0 Chroma:0	32.5	5000-6000 CPS	L*0 a*0 b*0	0
⬜	Interference Green (Fine) (4050)	Inorganic	N/A	N/A	Titanium Dioxide coated Mica particles	☐	Transparent	N/A	Excellent	Hue:0 Value:0 Chroma:0	27.3	5000-6000 CPS	L*0 a*0 b*0	0
🟨	Fluorescent Chartreuse (4615)	Organic	N/A	N/A	Dyed Polymer Particles	☐	Transparent	☼	Poor	Hue:0 Value:0 Chroma:0	0	N/A	L*0 a*0 b*0	0
🟧	Fluorescent Orange-Yellow (4640)	Organic	N/A	N/A	Dyed Polymer Particles	☐	Transparent	☼	Poor	Hue:0 Value:0 Chroma:0	0	N/A	L*0 a*0 b*0	0
🟧	Fluorescent Orange (4630)	Organic	N/A	N/A	Dyed Polymer Particles	☐	Transparent	☼	Poor	Hue:0 Value:0 Chroma:0	0	N/A	L*0 a*0 b*0	0
🟥	Fluorescent Red (4650)	Organic	N/A	N/A	Dyed Polymer Particles	☐	Transparent	☼	Poor	Hue:0 Value:0 Chroma:0	0	N/A	L*0 a*0 b*0	0
🟥	Fluorescent Pink (4645)	Organic	N/A	N/A	Dyed Polymer Particles	☐	Transparent	☼	Poor	Hue:0 Value:0 Chroma:0	0	N/A	L*0 a*0 b*0	0
🟪	Fluorescent Magenta (4625)	Organic	N/A	N/A	Dyed Polymer Particles	☐	Transparent	☼	Poor	Hue:0 Value:0 Chroma:0	0	N/A	L*0 a*0 b*0	0
🟦	Fluorescent Blue (4605)	Organic	N/A	N/A	Dyed Polymer Particles	☐	Transparent	☼	Poor	Hue:0 Value:0 Chroma:0	0	N/A	L*0 a*0 b*0	0
🟩	Fluorescent Green (4620)	Organic	N/A	N/A	Dyed Polymer Particles	☐	Transparent	☼	Poor	Hue:0 Value:0 Chroma:0	0	N/A	L*0 a*0 b*0	0
⬜	Phosphorescent Green (4900)	N/A	N/A	N/A	Copper Doped Zinc Sulfide	☐	Transparent	☼	Poor	Hue:0 Value:0 Chroma:0	0	N/A	L*0 a*0 b*0	0