COLORS(INDIA)

Organic, Inorganic & High Performance Pigments

for PAINTS, INKS, PLASTICS & WATER DISPERSION

Organic Pigments for
PAINTS & POWDER COATING

COLORS(INDIA)

Product Name & Code	Mass Tone	Tint Tone (1:10)	Specific Gravity	Oil Absorption g/100g	Bleeding Resistance (Scale 1-5 where 1=Poor & 5=Excellent)							Light Fastness (Blue Wool Scale 1-8)		Heat Stability in °C	Recommended Applications - PAINTS				
					Xylene	Ethanol	Ethyl Acetate	Water	Acid 5% HCL	Alkali 5% NaOH	Soap Solution	Full Tone	Tint Tone		Air Drying	Stoving	Waterbase	Automotive	Powder Coating
Pigment Blue 15:0 **PA-PB 15:0**			1.6	40-45	5	5	5	5	5	5	5	8	7-8	220	●	●	●		●
Pigment Blue 15:3 **PA-PB 15:3 SB**			1.5	35-45	5	4	5	5	5	5	5	8	7-8	260	●	●		●	●
Pigment Blue 15:3 **PA-PB 15:3 WB**			1.5	40-45	5	5	5	5	5	5	5	8	8	260	●		●		●
Pigment Green 7 **PA-PG 7**			1.6	30-35	5	5	5	5	5	5	5	8	7-8	280	●	●	●	●	●
Pigment Yellow 1 **PA-PY 1**			1.5	61	4-5	4-5	4	4	5	5	5	6	5	140	●		●		
Pigment Yellow 3 **PA-PY 3**			1.6	58	4-5	4-5	4	4	5	5	5	7-6	6	140	●		●		
Pigment Yellow 13 **PA-PY 13**			1.5	41	3	3-4	4	5	5	5	5	4	3-4	240	●	●	●		●
Pigment Yellow 14 **PA-PY 14**			1.4	48	3	3-4	4	5	5	5	3	3-4	4	200	●	●	●		●
Pigment Yellow 17 **PA-PY 17**			1.35	58	4-5	5	3-4	5	5	5	5	5-6	4-5	240	●	●	●		●
Pigment Yellow 62 **PA-PY 62**			1.4	45	5	4	4	5	5	5	5	7	6	250	●	●	●		●
Pigment Yellow 65 **PA-PY 65**			1.4	78	3	2-3	3-4	3	5	5	5	5-6	5-6	180	●		●		
Pigment Yellow 74 **PA-PY 74-5GX**			1.5	51	4	5	4	5	5	5	5	6	5	200	●	●	●		●
Pigment Yellow 74 **PA-PY 74-2GX 70**			1.6	55	4	5	4	5	5	5	5	6	5	220	●	●	●		●
Pigment Yellow 83 **PA-PY 83-HR**			1.5	61	5	5	5	5	5	5	5	7-8	7	200	●	●	●	●	●
Pigment Yellow 83 **PA-PY 83-HR 02**			1.6	62	5	5	5	5	5	5	5	7-8	7	220	●	●	●	●	●
Pigment Orange 5 **PA-PO 5**			1.45	51	4-5	4-5	4	3	5	5	5	6	5	140	●		●		
Pigment Orange 13 **PA-PO 13**			1.45	51	4	5	4	5	5	5	5	4	3	200	●		●		●
Pigment Orange 34 **PA-PO 34-RL**			1.5	58	5	5	5	5	5	5	5	5-4	4	200	●	●	●		●

Organic Pigments for
PAINTS & POWDER COATING

COLORS (INDIA)

Product Name & Code	Mass Tone	Tint Tone (1:10)	Specific Gravity	Oil Absorption g/100g	Bleeding Resistance (Scale 1-5 where 1=Poor & 5=Excellent)							Light Fastness (Blue Wool Scale 1-8)		Heat Stability in °C	Recommended Applications - PAINTS				
					Xylene	Ethanol	Ethyl Acetate	Water	Acid 5% HCL	Alkali 5% NaOH	Soap Solution	Full Tone	Tint Tone		Air Drying	Stoving	Waterbase	Automotive	Powder Coating
Pigment Orange 34 **PA-PO 34-RL 70**			1.6	60	5	5	5	5	5	5	5	5-4	4	220	●	●	●		●
Pigment Red 3 **PA-PR 3**			1.45	61	4	4-5	4	5	5	5	5	6	4	140	●		●		
Pigment Red 4 **PA-PR 4**			1.6	55	4	4	4	4	5	5	5	6	5-6	140	●		●		
Pigment Red 5 **PA-PR 5**			1.6	42	5	4	4	5	5	5	5	8	7	180	●	●	●		●
Pigment Red 8 **PA-PR 8**			1.4	50	4	3	3	5	5	5	5	8	7	180	●	●	●		●
Pigment Red 48:2 **PA-PR 48:2**			1.55	56	5	5	4	5	5	5	5	5-6	5	220	●		●		
Pigment Red 48:3 **PA-PR 48:3**			1.6	45	5	5	4	5	5	3	3	8	7	220	●		●		
Pigment Red 48:4 **PA-PR 48:4**			1.6	64	5	5	5	5	5	5	5	7	6	250	●	●	●		
Pigment Red 53:1 **PA-PR 53:1**			1.7	56	4-5	4-5	4-5	2	4-5	4-5	4	2	2	200	●				
Pigment Red 57:1 **PA-PR 57:1**			1.55	50	4	4	4-5	4	2	2-3	2	3-4	3	240	●	●			
Pigment Red 63:1 **PA-PR 63:1**			1.6	50	5	4	4	5	3	3	2	7	6	180	●	●	●	●	
Pigment Red 112 **PA-PR 112 FGR**			1.4	61	4-5	5	4	5	5	5	5	7-6	6	160	●		●		
Pigment Red 112 **PA-PR 112 FGR 02**			1.5	62	4-5	5	4	5	5	5	5	7-6	6	180	●		●		
Pigment Red 122 **PA-PR 122**			1.4	55	5	5	5	5	5	5	5	8	8	250	●	●	●	●	●
Pigment Red 146 **PA-PR 146**			1.55	36	4	4	4	5	5	5	5	6	5	180	●	●	●	●	●
Pigment Red 170 **PA-PR 170 F5RK**			1.7	51	5	5	5	5	5	5	5	8	7	250	●	●	●	●	●
Pigment Red 170 **PA-PR 170 F3RK**			1.7	68	5	5	5	5	5	5	5	8	7	250	●	●	●	●	●
Pigment Violet 23 **PA-PV 23**			1.5	55-65	5	5	5	5	5	5	5	8	7-8	280	●	●	●	●	●

Inorganic Pigments for
PAINTS & POWDER COATING

Product Name & Code	Mass Tone	Tint Tone (1:10)	Specific Gravity	Oil Absorption g/100g	pH Value of aq. extract	Moisture Content (Max%)	Water Soluble Salts (Max%)	Residue on sieve (Max%)	Acid Resistance (1-5 Scale)	Alkali Resistance (1-5 Scale)	Sulphur Dioxide Resistance	Solvent Fastness	Light Fastness		Weather Stability (1-5 Scale)	Heat Stability °C	Applications			
													Full Shade (1-5 Scale)	Reduced Shade (1-5 Scale)			Air Drying Paint	Stoving Paint	Automotive Paints	Powder Coating
Primrose Chrome **PA-PY 34P**			5.3	25	6 to 8	1	1	0.5	3 to 4	1 to 2	2	5	3	3	3	180 to 250	●	●	●	●
Lemon Chrome **PA-PY 34L**			5.3	25	6 to 8	1	1	0.5	3 to 4	1 to 2	2	5	3	3	3	180 to 250	●	●	●	●
Middle Chrome **PA-PY 34M**			5.4	25	6 to 8	1	1	0.5	3 to 4	1 to 2	2	5	3	3	3	180 to 250	●	●	●	●
Scarlet Chrome **PA-PR 104S**			5.6	24	6 to 8	1	1	0.5	3 to 4	1 to 2	2	5	3	3	3	180 to 250	●	●	●	●
Encapsulated Lemon Chrome **PA-PY 34ENCL**			5.3	24	6 to 8	1	1	0.5	3	4 to 5	3	5	4	4	4	280 to 300	●	●	●	●
Encapsulated Middle Chrome **PA-PY 34ENCM**			5.5	18	6 to 8	1	1	0.5	3	4 to 5	3	5	4	4	4	280 to 300	●	●	●	●
Encapsulated Scarlet Chrome **PA-PR 104ENCS**			5.5	22	6 to 8	1	1	0.5	3	4 to 5	3	5	4	4	4	280 to 300	●	●	●	●
Ultramarine Blue **PA-PB 29**			5.6	23	6 to 8	1	1	0.5	4	3 to 4	3	5	4	4	4	180 to 250	●	●	●	●

ANTICORROSIVE Pigments

Product Name & Code	Mass Tone	Tint Tone (1:10)	Specific Gravity	Oil Absorption g/100g	ZnO/Zn/Ba Content in %	Loss on Ignition in % (Max)	CrO_3 Content	PO_4 Content	K_2O Content	Applications			
										Primer	Marine Coating	Coil Coating	Etch Primer
Zinc Chrome / Zinc Chromate **PA-PY 36**			3.4 to 4.2	22 to 27	36 to 40%	-	> 43%	-	10 to 12	●			
Zinc Tetroxy Chromate **PA-PY 36.1**			3.4 to 4.3	42 to 47	68%	-	> 17%	-	-				●
Zinc Phosphate **PA-PW 32**			3.2 to 3.4	22 to 26	50 to 52%	8.5 to 10%	-	47 to 50%	-	●	●		
Barium Chromate **PA-PY 31**			4.0 to 4.5	12 to 17	54%	-	> 39%	-	-	●		●	

Organic Pigments for
WATER DISPERSIONS - Paints & Textiles

COLORS(INDIA)

Product Name & Code	Mass Tone	Tint Tone (1:10)	Specific Gravity	Oil Absorption g/100g	Bleeding Resistance (Scale 1-5 where 1=Poor & 5=Excellent)							Light Fastness (Blue Wool Scale 1-8)		Heat Stability in °C	Recommended Applications WATER DISPERSIONS	
					Xylene	Ethanol	Ethyl Acetate	Water	Acid 5% HCL	Alkali 5% NaOH	Soap Solution	Full Tone	Tint Tone		Textiles	Paints
Pigment Blue 15:0 **WD-PB 15:0**			1.6	48	5	5	5	5	5	5	5	8	7-8	220	●	●
Pigment Blue 15:3 **WD-PB 15:3**			1.55	40-45	5	5	5	5	5	5	5	8	7-8	260	●	●
Pigment Green 7 **WD-PG 7**			1.6	30-35	5	5	5	5	5	5	5	8	7-8	280	●	●
Pigment Yellow 1 **WD-PY 1**			1.5	61	4-5	4-5	4	4	5	5	5	6	5	140	●	●
Pigment Yellow 3 **WD-PY 3**			1.6	58	4-5	4-5	4	4	5	5	5	7-6	6	140	●	●
Pigment Yellow 12 **WD-PY 12**			1.4	42	5	5	4-5	5	5	5	5	3	2	220	●	
Pigment Yellow 13 **WD-PY 13**			1.5	41	3	3-4	4	5	5	5	5	4	3-4	240	●	●
Pigment Yellow 14 **WD-PY 14**			1.4	48	3	3-4	4	5	5	5	5	3	3-4	200	●	●
Pigment Yellow 74 **WD-PY 74**			1.5	51	4	5	4	5	5	5	5	6	5	200	●	●
Pigment Yellow 83 **WD-PY 83**			1.5	61	5	5	5	5	5	5	5	7-8	7	200	●	●
Pigment Orange 5 **WD-PO 5**			1.45	51	4-5	4-5	4	3	5	5	5	6	5	140	●	●
Pigment Orange 13 **WD-PO 13**			1.45	51	4	5	4	5	5	5	5	4	3	200	●	●
Pigment Orange 34 **WD-PO 34**			1.5	58	5	5	5	5	5	5	5	5-4	4	200	●	●
Pigment Red 5 **WD-PR 5**			1.6	42	5	4	4	5	5	5	5	8	7	180	●	●
Pigment Red 8 **WD-PR 8**			1.4	50	4	3	3	5	5	5	5	8	7	180	●	●
Pigment Red 112 **WD-PR 112**			1.4	61	4-5	5	4	5	5	5	5	7-6	6	160	●	●
Pigment Red 170 **WD-PR 170**			1.7	51	5	5	5	5	5	5	5	8	7	250	●	●
Pigment Violet 23 **WD-PV 23**			1.5	55-65	5	5	5	5	5	5	5	8	7-8	280	●	●

Organic Pigments for
PLASTICS, PVC & RUBBER

COLORS (INDIA)

Product Name & Code	Mass Tone	Tint Tone (1:10)	Specific Gravity	Oil Absorption g/100g	Bleeding Resistance (Scale 1-5 where 1=Poor & 5=Excellent)							Light Fastness (Blue Wool Scale 1-8)		Heat Stability in °C	Recommended Applications - PLASTICS			
					Xylene	Ethanol	Ethyl Acetate	Water	Acid 5% HCL	Alkali 5% NaOH	Soap Solution	Full Tone	Tint Tone		Ployolefins - PP/ HDPE/ LDPE	Engineering Polymers	PVC	Rubber
Pigment Blue 15:0 **PL-PB 15:0**			1.6	48	5	5	5	5	5	5	5	8	7-8	220	●		●	●
Pigment Blue 15:1 **PL-PB 15:1**			1.6	47	5	5	5	5	5	5	5	7-8	7-8	280	●	●	●	●
Pigment Blue 15:3 **PL-PB 15:3**			1.55	45-50	5	5	5	5	5	5	5	8	7-8	260	●		●	●
Pigment Green 7 **PL-PG 7**			1.6	30-35	5	5	5	5	5	5	5	8	7-8	280	●	●	●	●
Pigment Yellow 12 **PL-PY 12**			1.4	42	5	5	4-5	5	5	5	5	3	2	220			●	●
Pigment Yellow 13 **PL-PY 13**			1.5	39	3	3-4	4	5	5	5	5	4	3-4	240	●		●	●
Pigment Yellow 14 **PL-PY 14**			1.4	46	3	3-4	4	5	5	5	3	3-4	4	200			●	●
Pigment Yellow 17 **PL-PY 17**			1.35	49	4-5	5	3-4	5	5	5	5	5-6	4-5	240	●		●	●
Pigment Yellow 61 **PL-PY 61**			1.5	45	5	4	4	5	5	5	5	5	4	240	●		●	
Pigment Yellow 62 **PL-PY 62**			1.4	45	5	4	4	5	5	5	5	5	4	240	●		●	
Pigment Yellow 83 **PL-PY 83 HR**			1.5	40	5	5	5	5	5	5	5	7-8	7	280	●		●	●
Pigment Yellow 83 **PL-PY 83 HR02**			1.5	41	5	5	5	5	5	5	5	7-8	7	280	●		●	●
Pigment Orange 13 **PL-PO 13**			1.45	35	4	5	4	5	5	5	5	4	3	220	●		●	●
Pigment Orange 34 **PL-PO 34**			1.5	39	5	4	5	5	5	5	5	5-4	4	250	●		●	●
Pigment Red 48:1 **PL-PR 48:1**			1.55	51	5	4	3	5	4	4	4	7	6	220	●		●	●
Pigment Red 48:2 **PL-PR 48:2**			1.55	56	5	5	4	5	5	5	5	5-6	5	220	●	●	●	●
Pigment Red 48:3 **PL-PR 48:3**			1.6	58	4	4	3	4	4	4	4	6-7	6	240	●		●	●
Pigment Red 53:1 **PL-PR 53:1**			1.7	56	4-5	4-5	4-5	3	4-5	4-5	4	2	2	200	●		●	●

Organic Pigments for **PLASTICS, PVC & RUBBER**

Product Name & Code	Mass Tone	Tint Tone (1:10)	Specific Gravity	Oil Absorption g/100g	Bleeding Resistance (Scale 1-5 where 1=Poor & 5=Excellent)							Light Fastness (Blue Wool Scale 1-8)		Heat Stability in °C	Recommended Applications - PLASTICS			
					Xylene	Ethanol	Ethyl Acetate	Water	Acid 5% HCL	Alkali 5% NaOH	Soap Solution	Full Tone	Tint Tone		Ployolefins - PP/ HDPE/ LDPE	Engineering Polymers	PVC	Rubber
Pigment Red 57:1 **PL-PR 57:1**			1.55	51	4	4	4-5	4	2	2-3	2	3-4	3	220	●		●	●
Pigment Red 112 **PL-PR 112**			1.4	55	4-5	5	4	5	5	5	5	7-6	6	180	●	●	●	●
Pigment Red 122 **PL-PR 122**			1.4	55	5	5	5	5	5	5	5	8	8	250	●	●	●	●
Pigment Red 146 **PL-PR 146**			1.55	36	4	4	4	5	5	5	5	6	5	180	●		●	
Pigment Red 170 **PL-PR 170**			1.7	51	5	5	5	5	5	5	5	8	7-8	250	●	●	●	●
Pigment Violet 23 **PL-PV 23**			1.5	55 -65	5	5	5	5	5	5	5	8	7-8	280	●	●	●	●

Inorganic Pigments for **PLASTICS, PVC & RUBBER**

Product Name & Code	Mass Tone	Tint Tone	Specific Gravity	Oil Absorption g/100g	pH Value of aq. extract	Moisture Content (Max%)	Water Soluble Salts (Max%)	Residue on sieve (Max%)	Acid Resistance (1-5 Scale)	Alkali Resistance (1-5 Scale)	Sulphur Dioxide Resistance	Solvent Fastness	Light Fastness		Weather Stability (1-5 Scale)	Heat Stability °C	Applications		
													Full Shade (1-5 Scale)	Reduced Shade (1-5 Scale)			Polyolefins - PP / HDPE / LDPE	Engineering Polymers	PVC / Rubber
Ultramarine Blue **PA-PB 29**			5.6	23	6 to 8	1	1	0.5	4	3 to 4	3	5	4	4	4	180 to 250	●	●	●
Primrose Chrome **PA-PY 34P**			5.3	25	6 to 8	1	1	0.5	3 to 4	1 to 2	2	5	3	3	3	180 to 250	●	●	●
Lemon Chrome **PA-PY 34L**			5.3	25	6 to 8	1	1	0.5	3 to 4	1 to 2	2	5	3	3	3	180 to 250	●	●	●
Middle Chrome **PA-PY 34M**			5.4	25	6 to 8	1	1	0.5	3 to 4	1 to 2	2	5	3	3	3	180 to 250	●	●	●
Scarlet Chrome **PA-PR 104S**			5.6	24	6 to 8	1	1	0.5	3 to 4	1 to 2	2	5	3	3	3	180 to 250	●	●	●

Organic Pigments for **INKS**

COLORS(INDIA)

Product Name & Code	Mass Tone	Tint Tone (1:10)	Specific Gravity	Oil Absorption g/100g	Bleeding Resistance (Scale 1-5 where 1=Poor & 5=Excellent)							Light Fastness (Blue Wool Scale 1-8)		Heat Stability in °C	Recommended Applications - INKS				
																Flexo		Gravure	
					Xylene	Ethanol	Ethyl Acetate	Water	Acid 5% HCL	Alkali 5% NaOH	Soap Solution	Full Tone	Tint Tone		Air Drying	Slovent	Water	Polyamide	NC / Vinyl
Pigment Blue 15:0 **PI-PB 15:0**			1.6	48	5	5	5	5	5	5	5	8	7-8	200			●		
Pigment Blue 15:3 **PI-PB 15:3 OFF**			1.5	35 -45	3	3	5	5	5	5	5	7	8	260	●				
Pigment Blue 15:3 **PI-PB 15:3 SH-WB**			1.55	40 -45	5	5	5	5	5	5	5	8	7-8	260	●	●	●	●	
Pigment Blue 15:3 **PI-PB 15:3 SOL**			1.5	40 -45	3	5	5	5	5	5	5	7	8	260		●		●	●
Pigment Blue 15:4 **PI-PB 15:4**			1.5	35 -40	5	5	5	5	5	5	5	8	7-8	260		●		●	●
Pigment Green 7 **PI-PG 7**			1.6	38	5	5	5	5	5	5	5	8	7-8	280	●	●	●	●	●
Pigment Yellow 1 **PI-PY 1**			1.5	61	4-5	4-5	4	4	5	5	5	6	5	140	●	●	●		●
Pigment Yellow 3 **PI-PY 3**			1.6	58	4-5	4-5	4	4	5	5	5	7-6	6	140	●	●	●	●	
Pigment Yellow 12 **PI-PY 12**			1.4	51	5	5	4-5	5	5	5	5	3	2	180	●		●	●	●
Pigment Yellow 13 **PI-PY 13**			1.5	41	3	3-4	4	5	5	5	5	4	3-4	200	●		●	●	●
Pigment Yellow 14 **PI-PY 14**			1.4	48	3	3-4	4	5	5	5	3	3-4	4	200	●	●	●	●	●
Pigment Yellow 17 **PI-PY 17**			1.35	58	4-5	5	3-4	5	5	5	5	5-6	4-5	200	●	●	●	●	●
Pigment Yellow 65 **PI-PY 65**			1.4	78	3	2-3	3-4	3	5	5	5	5-6	5-6	180	●		●		
Pigment Yellow 74 **PI-PY 74**			1.5	48	4	5	4	5	5	5	5	6	5	200	●	●	●	●	●
Pigment Yellow 83 **PI-PY 83**			1.5	61	5	5	5	5	5	5	5	7-8	7	200	●	●	●	●	●
Pigment Orange 5 **PI-PO 5 5NC**			1.45	61	4-5	4-5	4	3	5	5	5	6	5	140		●	●		
Pigment Orange 5 **PI-PO 5 5PA**			1.5	51	4-5	4-5	4	3	5	5	5	6	5	140	●		●	●	
Pigment Orange 13 **PI-PO 13**			1.45	51	4	5	4	5	5	5	5	4	3	200	●	●	●	●	●

Organic Pigments for **INKS**

COLORS(INDIA)

Product Name & Code	Mass Tone	Tint Tone (1:10)	Specific Gravity	Oil Absorption g/100g	Bleeding Resistance (Scale 1-5 where 1=Poor & 5=Excellent)							Light Fastness (Blue Wool Scale 1-8)		Heat Stability in °C	Recommended Applications - INKS				
																Flexo		Gravure	
					Xylene	Ethanol	Ethyl Acetate	Water	Acid 5% HCL	Alkali 5% NaOH	Soap Solution	Full Tone	Tint Tone		Air Drying	Slovent	Water	Polyamide	NC / Vinyl
Pigment Orange 34 **PI-PO 34**			1.5	58	5	5	5	5	5	5	5	5-4	4	200	●	●	●	●	●
Pigment Red 2 **PI-PR 2**			1.4	51	3-4	3-4	3	5	5	5	5	4	4	140	●	●	●		
Pigment Red 3 **PI-PR 3**			1.45	61	4	4-5	4	5	5	5	5	6	4	140	●	●	●		●
Pigment Red 4 **PI-PR 4**			1.6	55	4	4	4	4	5	5	5	6	5-6	140		●	●		
Pigment Red 8 **PI-PR 8**			1.45	58	4	5	5	5	5	5	5	5-6	5	200	●	●	●	●	●
Pigment Red 48:1 **PI-PR 48:1**			1.6	51	5	4	3	5	4	4	4	7	6	220	●	●	●	●	●
Pigment Red 48:2 **PI-PR 48:2**			1.55	56	5	5	4	5	5	5	5	5-6	5	220	●	●		●	●
Pigment Red 48:3 **PI-PR 48:3**			1.6	58	4	4	3	4	4	4	4	6-7	6	240	●	●	●	●	●
Pigment Red 48:4 **PI-PR 48:4**			1.6	64	5	5	5	5	5	5	5	7	6	240		●	●	●	●
Pigment Red 53:1 **PI-PR 53:1**			1.7	56	4-5	4-5	4-5	3	4-5	4-5	4	2	2	200	●	●	●	●	●
Pigment Red 57:1 **PI-PR 57:1**			1.55	56	4	4	4-5	4	2	2-3	2	3-4	3	180	●				●
Pigment Red 112 **PI-PR 112**			1.4	61	4-5	5	4	5	5	5	5	7-6	6	140	●	●	●		●
Pigment Red 122 **PI-PR 122**			1.4	55	5	5	5	5	5	5	5	8	8	250	●	●	●	●	●
Pigment Red 146 **PI-PR 146**			1.55	52	3-4	4	3	5	5	5	5	5-6	5	180	●	●	●	●	●
Pigment Red 170 **PI-PR 170 F5RK**			1.7	51	5	5	5	5	5	5	5	8	7-8	250	●	●	●	●	●
Pigment Red 184 **PI-PR 184**			1.6	45	4	4-5	3-4	5	5	5	4	5-6	5	180	●	●	●	●	●
Pigment Violet 23 **PI-PV 23**			1.5	55 -65	5	5	5	5	5	5	5	8	7-8	280	●	●	●	●	●
Pigment Violet 27 **PI-PV 27**			1.6	55	3	3	3	4	3	3	3	4	3	180	●	●		●	●

HIGH PERFORMANCE
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Product Name & Code	Mass Tone	Tint Tone (1:10)	Specific Gravity	Oil Absorption g/100g	Bleeding Resistance (Scale 1-5 where 1=Poor & 5=Excellent)							Light Fastness (Blue Wool Scale 1-8)		Heat Stability in °C	Recommended Applications				
					Xylene	Ethanol	Ethyl Acetate	White Spirit	Acid 5% HCL	Alkali 5% NaOH	Soap Solution	Full Tone	Tint Tone		Offset	Flexo Inks	Gravure Inks	Paints	Plastics/Rubber
Pigment Yellow 61 **HP-PY 61**			1.6	62	3	3	3	3-4	5	5	5	7	6	250	●	●	●	●	●
Pigment Yellow 62 **HP-PY 62**			1.6	62	3	3	3	4	5	4	4	7	7	250	●	●	●	●	●
Pigment Yellow 65 **HP-PY 65**			1.4	58	3-4	4	3	4	5	5	5	7	6	140	●	●	●	●	●
Pigment Yellow 74 **HP-PY 74**			1.4	57	3	4	3-4	4-5	5	5	5	6	5	160	●	●	●	●	●
Pigment Yellow 83 HP-PY 83			1.5	50	3	4	3-4	5	5	5	5	7	7	200	●	●	●	●	
Pigment Yellow 97 **HP-PY 97**			1.5	55	4	4	3-4	3-4	5	5	5	6	6	140	●	●	●	●	●
Pigment Yellow 120 **HP-PY 120**			1.6	50	4	4	4	4-5	5	5	5	8	7	260	●	●	●	●	●
Pigment Yellow 139 **HP-PY 139 K 1841**			1.5	54	4	3	3-4	5	5	3-4	3-4	7	7	240	●	●	●	●	●
Pigment Yellow 139 **HP-PY 139 M2R70**			1.8	48	4-5	4-5	4-5	4	5	5	3-4	8	7	260	●	●	●	●	
Pigment Yellow 151 **HP-PY 151**			1.6	52	5	5	4-5	4	5	4	4	7	6	200	●	●	●	●	●
Pigment Yellow 154 **HP-PY 154**			1.6	58	4	4	4	3	5	4	4	7	7	190	●	●	●	●	
Pigment Yellow 155 **HP-PY 155 3GP**			1.4	60	4-5	4	4	4	5	5	5	8	7	260	●	●	●	●	●
Pigment Yellow 155 **HP-PY 155 5GD 70**			1.5	53	4-5	4	4	4	5	5	5	7	7	260	●	●	●	●	●
Pigment Yellow 168 **HP-PY 168**			1.7	58	2-3	3	2-3	4	5	4	4	7	7	250	●	●	●	●	●
Pigment Yellow 175 **HP-PY 175**			1.5	52	4	4	4	4	5	5	5	8	7	180	●	●	●	●	
Pigment Yellow 183 **HP-PY 183**			1.8	60	4	4	4	4	5	5	5	8	7	300	●			●	●
Pigment Yellow 185 **HP-PY 185**			1.5	52	4	4	4	4	5	3	4	7	7	180	●	●	●	●	
Pigment Yellow 191 **HP-PY 191**			1.8	60	4	4	4	4	5	5	5	7	6	300	●	●	●	●	●

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Product Name & Code	Mass Tone	Tint Tone (1:10)	Specific Gravity	Oil Absorption g/100g	Bleeding Resistance (Scale 1-5 where 1=Poor & 5=Excellent)							Light Fastness (Blue Wool Scale 1-8)		Heat Stability in °C	Recommended Applications				
					Xylene	Ethanol	Ethyl Acetate	White Spirit	Acid 5% HCL	Alkali 5% NaOH	Soap Solution	Full Tone	Tint Tone		Offset	Flexo Inks	Gravure Inks	Paints	Plastics/Rubber
Pigment Yellow 194 **HP-PY 194**			1.5	54	3	4	3	4	5	5	5	7	7	200	●	●	●	●	●
Pigment Orange 16 **HP-PO 16**			1.4	50	2-3	3-4	3	3	5	5	5	6	4	220	●	●	●	●	●
Pigment Orange 34 **HP-PO 34 RL**			1.4	40	3	4	4	4	5	5	5	6	5	200	●	●	●	●	●
Pigment Orange 34 **HP-PO 34 RL70**			1.5	63	3	4	3-4	4	5	5	5	6	5	200	●	●	●	●	
Pigment Orange 36 **HP-PO 36 HL**			1.6	62	4	4	4-5	4	5	5	5	6	6	200	●	●	●	●	●
Pigment Orange 36 **HP-PO 36 HL70**			1.5	60	4	4	4-5	4	5	5	5	8	7	160	●	●	●	●	
Pigment Orange 62 **HP-PO 62 H5G**			1.5	70	4	3-4	3-4	4	5	4	4	6	6	200	●	●	●	●	
Pigment Orange 62 **HP-PO 62 H5G 70**			1.5	58	4	3-4	3-4	4	5	4	4	8	7	180	●	●	●	●	
Pigment Orange 64 **HP-PO 64**			1.5	58	4	4	4	4	5	5	5	8	7	280	●	●	●	●	●
Pigment Red 3 **HP-PR 3 RNC**			1.4	70	2	2.3	2	2	5	5	5	6	4	180				●	
Pigment Red 5 **HP-PR 5 EC**			1.8	50	4	4-5	4	4-5	5	5	5	7	6	180	●	●	●	●	●
Pigment Red 23 **HP-PR 23**			1.7	52	3-4	4	4	4	5	5	5	7	7	180	●		●	●	●
Pigment Red 38 **HP-PR 38**			1.4	48	2	3	2	3	5	4	4	6	4	200	●	●	●		
Pigment Red 52:1 **HP-PR 52:1**			1.6	42	4	4	3	4	5	5	5	5	4	240	●	●	●	●	
Pigment Red 52:2 **HP-PR 52:2**			1.8	46	3-4	3-4	3	4	5	5	5	5	3	240	●	●	●	●	
Pigment Red 60:1 **HP-PR 60:1**			2.0	52	3-4	4	4	4	5	5	5	4	3	220	●	●	●	●	●
Pigment Red 188 **HP-PR 188 HF3S**			1.4	70	4	4	4	4	5	5	5	7	6	240	●	●	●	●	
Pigment Red 188 **HP-PR 188 HF3S70**			1.5	72	4	3	4	4	5	4	5	7	6	240	●	●	●	●	

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