RUHI CHEM
INTERNATIONAL

# Organic, Inorganic & High Performance Pigments

## For Paints, Inks, Plastics & Water Dispersion

# Organic Pigments for
# **PAINTS & POWDER COATING**

| **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**

| 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**

| **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**

| 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**

| 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 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Xylene | Ethanol | Ethyl Acetate | Water | Acid 5% HCL | Alkali 5% NaOH | Soap Solution | Full Tone | Tint Tone | | Air Drying | Flexo | | Gravure | |
| | | | | | | | | | | | | | | | | 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**

| 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
## Organic Pigments

| 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 | ● | ● | ● | ● | ● |

# HIGH PERFORMANCE
## Organic Pigments

| 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 | ● | ● | ● | ● | |

RUHI CHEM
INTERNATIONAL

# Get in touch with us

**Call us on**
+91 722 600 9209 | 972 555 1324

**Email at**
export@ruhicheminternational.com
info@ruhicheminternational.com

**Visit us at**
www,ruhicheminternational.com