

# B. N. MEHRA & CO.

## Asahi Kasei Kogyo Co. Ltd., Japan Complex Inorganic Colour Pigments (CICP)

Mass Tone  
Pigment 0.80%  
Zinc Stearate 0.20%  
Resin PP  
Moulding Temperature 280 °C

Tint Tone  
Pigment 0.16%  
TiO<sub>2</sub> 0.64%  
Zinc Stearate 0.20%  
Resin PP  
Moulding Temperature 280 °C

Product Name	CI Generic Name	Composition	Heat Stability	Light Stability (BWS)
		Co-Al	1000 °C	8
Blue 1033	CI Pigment Blue 28	Co-Al	1000 °C	8
		Co-Al-Cr	1000 °C	8
Blue 1040	CI Pigment Blue 36	Co-Al-Cr	1000 °C	8
		Co-Zn-Cr-Ti	1000 °C	8
Green 2500	CI Pigment Green 50	Co-Zn-Cr-Ti	1000 °C	8
		Co-Zn-Ni-Ti	1000 °C	8
Green 2024	CI Pigment Green 50	Co-Zn-Ni-Ti	1000 °C	8
		Ti-Cr-Sb	900 °C	8
Yellow 5500	CI Pigment Brown 24	Ti-Cr-Sb	900 °C	8
		Ti-Cr-Sb	1000 °C	8
Yellow 5970	CI Pigment Brown 24	Ti-Cr-Sb	1000 °C	8
		Fe-Zn	700 °C	8
Brown 4080	CI Pigment Yellow 119	Fe-Zn	700 °C	8
		Fe-Zn-Cr	700 °C	8
Brown 4130	CI Pigment Brown 33	Fe-Zn-Cr	700 °C	8
		Cu-Cr-Mn	700 °C	8
Black 3090	CI Pigment Black 28	Cu-Cr-Mn	700 °C	8
		Fe-Cr	800 °C	8
IRR Black 6350	CI Pigment Green 17	Fe-Cr	800 °C	8

**Complex Inorganic Colour Pigments (CICP)** is the most stable class of pigments available today!

Asahi Kasei Kogyo Co. Ltd., has been developing and manufacturing these pigments in their plant in Saitama, Japan since 1970.

CICP is synthesized by calcining a blend of metal oxides in a furnace. High temperatures in the range of 800°C-1400°C fuse the metal oxides together to produce uniquely strong and inert chemical structures.

#### **Features & Benefits:**

- *Excellent Chemical (acid and alkali) Resistance.*
- *Excellent Hiding Power.\**
- *Easy to Disperse.*
- *Excellent Weather Resistance, Heat & Light Stability.*
- *Low Oil Absorption.*
- *Non-Warping, Non-Bleeding & Non-Migrating.*
- *Good UV Absorption Ability.\**
- *Environmentally safe and non-toxic, RoHS compliant.*
- *Chrome-Antimony-Titanium, Cobalt-Aluminate & Copper-Chromite Pigments are compliant under FDA 21CFR178.3297.*

*\*Cobalt Blue is translucent and does not absorb UV.*

CICP also reflect the sun's **Infra Red Rays**, therefore they are also known as **Infra Red Reflecting (IRR)** Pigments and are highly useful for solar heat management.

#### **Application Areas:**

1. Coatings: FRP Gelcoats, Metal Coil Coating, Powder Coating, PTFE Coatings, Silicone Heat Resistant Coatings, PVDF Heavy Duty Paints, Chemical Resistant Paints, Solar Reflective Paints, Weather Resistant Paints, Glass Enamels, Artist Colours, etc.
2. Polymers: Polyolefin, Engineering Plastics, PVC, Elastomers, Rubber, etc.

Contact us for further information :

## **B. N. MEHRA & CO.**

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