

Phthalocyanine Pigments

Applications

Widely used for printing inks, paints, and plastics as well as for toner, inkjet inks, color filters, textile printing, and stationery.

Characteristics









- Phthalocyanine pigments are blue/green pigments, excellent in physical properties such as weather fastness, heat resistance and chemical resistance.
- We offer a range of products suitable for various applications, even with the same structure, due to differences in particle size and surface treatment.
- Low chlorine blue exhibits superior weather fastness and heat resistance.

Representative Products

■ Copper Phthalocyanine blue pigments





β-type blue

Greenish blue. Equivalent to the cyan color used in process inks.

	C. I. Generic Name	Full shade	Tint shade	Characteristic
β-type blue	PB-15:3			Relatively stable to organic solvent and heat, excellent fluidity. Proven track record in printing inks and plastics.
	PB-15:4			This type offers enhanced heat resistance, solvent resistance, and long-term stability. It has a proven track record in paints and gravure inks.
β-type blue Micronized type	PB-15:3			Proven track record in applications requiring improved easy dispersibility, such as plastics, toners, and water-based inkjet inks.
	PB-15:4			Proven track record in applications requiring improved easy dispersibility, such as paints, gravure inks, and inkjet inks.





α-type blue

Reddish blue. Characterized by excellent coloring power.

	C. I. Generic Name	Full shade	Tint shade	Characteristic
α-type blue	PB-15			Proven track record in plastics, rubber, textile printing, and stationery.
	PB-15:2			Provides fluidity and stability over time. Proven track record in paints.







Low-Chlorinated blue

Reddish blue, excellent in solvent- and heat resistance.

	C. I. Generic Name	Full shade	Tint shade	Characteristic
Chlorinated blue	PB-15:1			Proven track record in water-based paints and plastics.
	PB-15:2			Provides fluidity and stability over time. Proven track record in automotive coatings.

■ Copper Phthalocyanine green pigments

Excellent in solvent and heat resistance.

	C. I. Generic Name	Full shade	Tint shade	Characteristic
Chlorinated green	PG-7			Bluish green color. Proven track record in paints and plastics.
Chlorinated green For water-based	PG-7			Bluish green color. Proven track record in water-based paints.
Brominated green	PG-36			Yellowish green. Proven track record in paints.