

Pigment Blue 15:3NC

C.I. Name	Pigment Blue 15:3
C.I. No.	74160

CAS. No.	147-14-8
Chemical Group	Phthalocyanine

Product Description

Pigment Blue 15:3NC is a transparent, beta-copper phthalocyanine blue pigment with the outstanding fastness properties of this group of pigments. Recommended for all commonly used printing inks, especially in NC systems. It exhibits good color strength, gloss, transparency, and viscosity control.

Physical Data

Density (g/cm ³)	1.6
Form of Supply	Blue Powder
Oil Absorption (mg/100g)	40 ± 5
Moisture (%)	≤1
PH Value	4.5 - 6.5
Light Fastness	7~8
Heat Stability	280°C / 536°F

Chemical Resistance

Acid	5
Alkali	5
Alcohol	5
Ester	5
Ketone	5
Water	5
Migration	4~5

Applications

- Coatings

Automotive Coating	-
Industrial Coating	●
Decorative Coating	-
Coil Coating	-
Wood Coating	-
Powder Coating	-

- Plastics

PVC	-
PE/PP/PO	-
ABS	-
PS	-
PA	-
Rubber	-

- Inks

Solvent based	●
Water based	○
UV / EB	○
Inkjet	○

● Recommend

○ Limited Suitability

- Not Recommended

Product Specification

Test Property	Specification	Test Method
dE	≤1.5	AFTM-P 2.1
Color Strength	100±5%	AFTM-P 2.1

Packaging, Shipping & Storage

Pigment Blue 15:3NC is supplied in powder form. The product is packed in 25kg / 55lb paper bag and shipped on pallets (400kg). Keep the product stored under normal temperatures, dry and protected from weather.

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.