

Pigment Blue 1541

C.I. Name	Pigment Blue 15:4
C.I. No.	74160

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

Product Description

Blue 15:4 was specifically developed to provide excellent transparency, improved viscosity and superior gloss characteristics in solvent based packaging ink systems such as NC / PA / PU inks. In addition, it is suitable for solvent based coating and paint systems.

Physical Data

Density (g/cm ³)	1.5~1.6
Form of Supply	Blue Powder
Oil Absorption (mg/100g)	30~40
Moisture (%)	≤1.5
PH Value	5~7
Light Fastness	7~8
Heat Stability	280°C / 536°F

Chemical Resistance

Acid	5
Alkali	5
Alcohol	5
Ester	5
Ketone	5
Soap	5
Migration	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

Offset Ink	●
Solvent based	●
Water based	●
UV / EB	●
Inkjet	●

● Recommend

○ Limited Suitability

- Not Recommended

Product Specification

Test Property	Specification	Test Method
dE	≤1.0	AFTM-P 2.1
Color Strength	100±5%	AFTM-P 2.1

Packaging, Shipping & Storage

Pigment Blue 15:4 is supplied in powder form. The product is packed in 25kg/55lb paper bag and shipped on pallets (400kg). Please 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.