

Pigment Red 146

C.I. Name	Pigment Red 146
C.I. No.	12485

CAS. No.	5280-68-2
Chemical Group	Monoazo

Product Description

Pigment Red 146 is a blue shade semi-transparent naphthol red with better overall fastness properties than Red 57:1. It is recommended for use in letterpress and offset inks and also in packaging gravure and flexographic printing (PU retort). Additional uses can be found in the coatings industry for interior industrial finishes, architectural and emulsion paints. Other areas of use can include water based inks, textile printing, artist colors and for the coloration of paper.

Physical Data

Density (g/cm3)	1.6~1.7
Form of Supply	Red Powder
Oil Absorption (mg/100g)	45~55
Moisture (%)	≤1.5
PH Value	6.0~8.0
Light Fastness	6
Heat Stability	180°C / 356°F

Chemical Resistance

Acid	5
Alkali	5
Alcohol	4~5
Ester	4
Ketone	3~4
Soap	5
Migration	-

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	○
Offset	●
Artist Color	●

● 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 Red 146 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.