

Pigment Red 57:1 (4BP)

C.I. Name	Pigment Red 57:1
C.I. No.	15865:2

CAS. No.	5281-04-9
Chemical Group	Monoazo

Product Description

Pigment Red 57:1(4BP) is a calcium salt of monoazo lake (Calcium 4B) pigment with a bluish shade. It has excellent dispersibility and migration resistance designed for plastic application. It is recommended for the mid processing temperature up to 240C.

Physical Data

Density (g/cm3)	1.5~1.6
Form of Supply	Red Powder
Oil Absorption (mg/100g)	45~55
Moisture (%)	≤1.5
PH Value	7.5
Light Fastness	5
Heat Stability	240°C / 464°F

Chemical Resistance

Acid	4
Alkali	4
Alcohol	4
Ester	4
Ketone	4
Soap	-
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	≤1.0	AFTM-P 2.1
Color Strength	100±5%	AFTM-P 2.1

Packaging, Shipping & Storage

Pigment Red 57:1 (4BP) is supplied in powder form. The product is packed in 25kg/55lb paper bag and shipped on pallets (300kg). 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.