Pigment Red 53:1W

C.I. Name	Pigment Red 53:1	CAS. No.	5160-02-1
C.I. No.	15585:1	Chemical Group	Monoazo

Product Description

Red 53:1W is a yellow shade Barium laked beta-Naphtol pigment. This is the standard for warm red color. It exhibits high color strength, high transparency recommended for paste inks as well as UV and water based packaging gravure and flexographic printing inks.

Physical Data

Density (g/cm3)	1.6~1.8
Form of Supply	Red Powder
Oil Absorption (mg/100g)	45~55
Moisture (%)	≤1.5
PH Value	7~8
Light Fastness	4~5
Heat Stability	180°C / 356°F

Chemical Resistance

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

Applications

- Coatings		- Plastics		- Inks	
Automotive Coating	-	PVC	-	Solvent based	-
Industrial Coating	-	PE/PP/PO	-	Water based	●
Decorative Coating	-	ABS	-	UV / EB	○
Coil Coating	-	PS	-	Inkjet	-
Wood Coating	-	PA	-		
Powder Coating	-	Rubber	-		

● 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 53:1W 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.