

TECHNICAL DATA SHEET TDS

General Description

Type of Dye	Azo Pigment
Product Name	Pigment Red 53 : 1
CAS Number	5160 - 2 - 1
Molecular Formula	C ₃₄ H ₂₄ Cl ₂ N ₄ O ₈ S ₂
Molecular Weight	888.94

Physical & Chemical Properties

Test Items	Specifications
Appearance	Red Powder
PH Value	7.25
Hue	Yellowish
Tinting Strength (%)	100 ± 1
Melting Point (oC)	343 - 345
Residue on Sieve (60 mesh) %	<6
Heat Resistance	175 - 180 oC
Light Fastness	4 - 5
Acid Resistance	4
Alkali Resistance	4
Water Resistance	5
Density , g/cm ³	0.42

Application

Pigment Red 53: 1 is used in paints, plastics printing inks, textiles, cosmetics and other applications

Package

10 , 25 Kgs Bag , Drums & Customised Packaging