

Technical Data Sheet

Pigment Red 53:1



FINELAND CHEM
泛成化工

General Information

Color Index	Pigment Red 53:1 (C.I. 15585:1)
Product Code	DuraPlast®3531-1
CAS NO.	5160-02-1
EC No.	225-935-3
Chemical Formula	C ₁₇ H ₁₂ ClN ₂ O ₄ S1/2Ba

Physical Properties

Density (g/cm ³)	1.65-2.11
Specific Surface Area(m ² /g)	50-75
Oil Absorption (g/100g)	40-50
PH Value	6-9
Bulk Density (lb/gal)	13.7-17.5
Total impurities(ppm)	≤600

Fastness Properties

Heat Resistance (°C):	180	Alkali Resistance (1-5):	3
Light Resistance (Full Shade, 1-8):	4-5	Migration Resistance(1-5)	3
Light (Reduced tinting, 1-8)	4	Ethanol (1-5)	3
Weather Resistance (1-5):	2-3	Ethyl Acetate (1-5)	3
Acid Resistance (1-5):	3	MEK (1-5)	3

Application & Performance

Recommended for Water based ink, yellowish grade.

Note

Fineland Chem offers innovative pigment technologies designed for long-lasting performance and consistent quality in industrial use. Product data is based on current knowledge and for reference only. Users should verify suitability; no liability is assumed for specific applications.

Date of issue: Sep. 1st, 2024

TDS Version: 2.1

Hangzhou Fancheng Chemical Co., Ltd.
Add: NO.776, JianSheYi Road, XiaoShan, HangZhou, ZheJiang, China.
Tel: +86-571-83531793
Web: www.finelandchem.com

Fineland Chem Co., Ltd.
Add: Room 09 27/F, Ho King Commercial Centre, 2-16 Fa Yuen Street, MongKong, KI, HK.