

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 | 3531-1 B |
| CAS NO. | 5160-02-1 |
| EC No. | 225-935-3 |
| Chemical Formula | C ₁₇ H ₁₂ ClN ₂ O ₄ S ₁ /2Ba |

Physical Properties

| | |
|--|-----------|
| Density (g/cm ³) | 1.65-2.11 |
| Specific Surface Area(m ² /g) | 10-110 |
| Oil Absorption (g/100g) | 40-78 |
| PH Value | 6.5-8.0 |
| Bulk Density (lb/gal) | 13.7-17.5 |
| Total impurities(ppm) | ≦ 600 |

Fastness Properties

| | | | |
|------------------------------------|---------|---------------------------|---|
| Heat Resistance (°C) | 180-200 | Alkali Resistance (1-5) | 3 |
| Light Resistance (Full Shade, 1-8) | 3-4 | Migration Resistance(1-5) | 3 |
| Light (Reduced tinting, 1-8) | 2-3 | Ethyl Acetate (1-5) | 3 |
| Weather Resistance (1-5) | 2-3 | Ethanol (1-5) | 3 |
| Acid Resistance (1-5) | 3 | MEK (1-5) | 3 |

Application & Performance

Recommended for plastic(PVC, PE, rubber) and water based ink, warm red, cost-effective pigment, more bluish than 3531 and 3531-1.

Note

*Product specific and application information are based upon our current knowledge. They are non-binding and cannot be taken as guarantee. Users must establish the suitability of individual products. We do not accept any liability relating to the use of our products in particular applications.

Date of issue: Sep. 1st, 2024

TDS Version: 2.1