

# 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 <sub>17</sub> H <sub>12</sub> ClN <sub>2</sub> O <sub>4</sub> S1/2Ba

### Physical Properties

Density (g/cm <sup>3</sup> )	1.65-2.11
Specific Surface Area(m <sup>2</sup> /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

\*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.

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