

Technical Data Sheet

Pigment Red 176



FINELAND CHEM
泛成化工

General Information

Color Index	Pigment Red 176 (C.I. 12515)
Product Code	DuraPlast®3576
CAS NO.	12225-06-8
EC No.	235-425-2
Chemical Formula	C ₃₂ H ₂₄ N ₆ O ₅

Physical Properties

Density (g/cm ³)	1.4
Specific Surface Area(m ² /g)	81
Oil Absorption (g/100g)	35-45
PH Value	6.0-8.0
Moisture Content (%)	≤1.5
Total impurities(ppm)	≤600

Fastness Properties

Heat Resistance (°C)	280	Alkali Resistance (1-5)	5
Light Resistance (Full Shade, 1-8)	8	Bleeding Resistance(1-5)	5
Light (Reduced tinting, 1-8)	7	Ethyl Acetate (1-5)	5
Weather Resistance (1-5)	4-5	Ethanol (1-5)	5
Acid Resistance (1-5)	5	MEK (1-5)	4-5

Application & Performance

Recommended for Plastic, PO, PVC (PVC & PVC Rigid), EVA/Rubber, PC, Spun Fiber-PP.

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.

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