

Technical Data Sheet

Solvent Red 111



FINELAND CHEM
泛成化工

General Information

Color Index	Solvent Red 111 (C.I. 60505)
Product Code	SolCore®3511
CAS NO.	82-38-2
EC No.	201-417-2
Chemical Class	Anthraquinone
Hue	Bluish Red

Physical Properties

Bulk Density (g/cm ³)	0.23
Melting point (°C)	approx.169
Moisture(%)	≤0.5
Ash(%)	≤0.3
Insolubility(%)	≤0.3
PH Value	6-8
Fe Content(ppm)	≤1000

Fastness Properties

Heat Resistance (°C) in PS	300	Migration Resistance(1~5)	5
Light Resistance (Full Shade, 1-8)	8	Resistance to Acid(1~5)	5
Light (Reduced tinting, 1~8)	7	Resistance to Alkali(1~5)	5

*Heat Resistance: the maximum temperature in °C at which a change of color (DE ≤ 3) occurs after a dwell time of 5 minutes in the barrel of an injection molding machine as per DIN EN 12877-1.

Application & Performance

Recommended for Plastic (PS, SAN, PMMA, PC, PET, PA6, ABS and ABS/PC blends), potential to use in PA66.

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