

Technical Data Sheet

Pigment Yellow 168



FINELAND CHEM
泛成化工

General Information

Color Index	Pigment Yellow 168 (C.I. 13960)
Product Code	DuraPlast®3168H
CAS NO.	71832-85-4
EC No.	276-057-2
Chemical Formula	C ₁₆ H ₁₂ ClN ₄ O ₇ S _{1/2} Ca

Physical Properties

Density (g/cm ³)	1.4-1.6
Specific Surface Area(m ² /g)	20-50
Oil Absorption (g/100g)	40-45
PH Value	6.5-7.5
Moisture Content (%)	≤1.5
Total impurities(ppm)	≤600

Fastness Properties

Heat Resistance (°C)	270	Alkali Resistance (1-5)	5
Light Resistance (Full Shade, 1-8)	6-7	Migration Resistance(1-5)	5
Light (Reduced tinting, 1-8)	6	Ethyl Acetate (1-5)	4
Weather Resistance (1-5)	4	Ethanol (1-5)	4
Acid Resistance (1-5)	5	MEK (1-5)	4

Application & Performance

Recommended for Plastic(PO, PVC, EVA),potential use in PS.

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, Mongkok, K1, HK