

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-1
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
Bulk Density (lb/gal)	23.5-35.3
Total impurities(ppm)	≤600

Fastness Properties

Heat Resistance (°C)	250	Alkali Resistance (1-5)	4
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)	4	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, Mongkoko, Kowloon, HK