Technical Data Sheet

Chromium Oxide

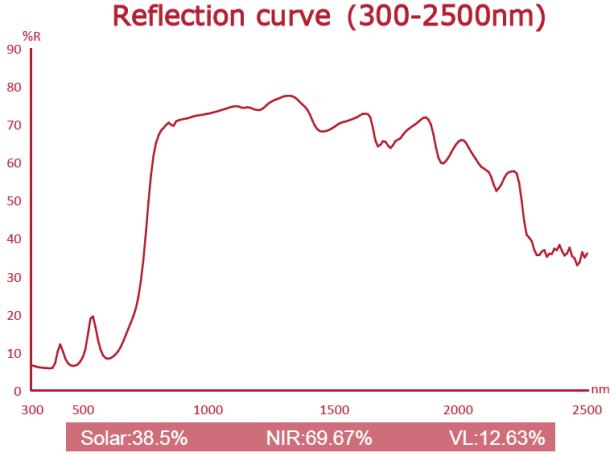
FINELAND CHEM
泛成化工

General Information

Color Index	Pigment Green 17 (C.I. 77288)
Product Code	ColorCor®1717R
CAS NO.	1308-88-9
EC No.	205-685-1
Chemical Formula	Cr_2O_3
Hue	Green powder

Density (g/cm^3)	5.2
Oil Absorption (g/100g)	10-20
Water soluble matter (%)	≤1.0
Mositure	≤1.0
PH Value	6-8
Sieve residue on 45 microns (%)	≤0.5
Primary particle size D50 (μm)	~1.3

Reflection curve (300-2500nm)



Fastness Properties

Heat Resistance (℃)	<800
Light Resistance (Full Shade, 1-8)	8
Light (Reduced tinting, 1-8)	8
Weather Resistance (1-5)	5
Acid Resistance (1-5)	5

Alkali Resistance (1-5)	5
Migration Resistance(1-5)	4-5
Ethyl Acetate (1-5)	5
Ethanol (1-5)	5
MEK (1-5)	5

Application & Performance

Recommended for Plastic,PO,PVC(PVC & PVC Leather cloth),EVA,ABS,PS. Industrial paints,Coatings(Powder/Coil/Architectural),Fluorocarbon coating,Silicon coating,Heat resistance coating,Military camouflage coating etc.Exterior building products.Glass printing ink applications.Ceramic applications.

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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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, Mongkog, Kl, HK.