

Technical Data Sheet

Titanium Dioxide



FINELAND CHEM
泛成化工

General Information

Color Index	Pigment White 7 (C.I. 77891)
Product Code	TiLumi®R997
CAS NO.	13463-67-7
EC No.	236-675-5
Production Process	Sulphate-Process

Physical Properties

TiO ₂ Content	95%
Surface Treatment	Alumina, Organic
Oil Absorption (g/100g)	17 max
PH Value	6.5-8.5
Specific Gravity (g/cm ³)	4.05
Bulk Density (lb/gal)	51
Average Particle Size	0.3µm

Fastness Properties

Heat Resistance (°C)	500	Weather Resistance (1-5)	5
Light Resistance (Full Shade, 1-8)	8	Acid Resistance (1-5)	5
Light (Reduced tinting, 1-8)	8	Alkali Resistance (1-5)	5

Application & Performance

TiLumi®R997 disperses easily in Polyolefins, with high opacity and whiteness under high TiO₂ concentration. Low moisture absorption, good compatibility with plastic resins. Recommended for General purpose masterbatch, Powder coating.

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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