

CIMBAR Gel Talc for Polyester Filler

Category : Ceramic , Oxide , Other Engineering Material , Additive/Filler for Polymer

Material Notes:

Gel Talc and Body Filler talc products are produced from high purity ore. Gel Talc and Body Filler products provide an excellent balance of color and mechanical properties for primary use in polyester compounds where consistent viscosity is critical and inherent low oil absorption provides higher filler loadings. Gel Talc and Body Filler talcs are platy, hydrophobic and non-abrasive. Gel Talc is specifically designed for gel coats where excellent color, predictable viscosity and superior surface characteristics are required. Information provided by Cimbar Performance Minerals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_CIMBAR-Gel-Talc-for-Polyester-Filler.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.78 g/cc	2.78 g/cc	
Bulk Density	0.368 g/cc	0.0133 lb/in ³	Loose
	0.961 g/cc	0.0347 lb/in ³	Tapped
Brightness	92 %	92 %	Hunter Y, Rd value, dry
Oil Absorption	26 %	26 %	g oil/100 g filler; ASTM D281
Fineness	5.0	5.0	Hegman Fineness; ASTM D1210
Moisture Absorption at Equilibrium	<= 0.30 %	<= 0.30 %	
Loss On Ignition	17 %	17 %	
Particle Size	1.0 µm	1.0 µm	@ 10%
	5.5 µm	5.5 µm	D50
	27 µm	27 µm	@ 98%
pH	9.0	9.0	

Mechanical Properties	Metric	English	Comments
Hardness, Mohs	1.0	1.0	

Optical Properties	Metric	English	Comments
Refractive Index	1.57	1.57	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	<= 1.0 %	<= 1.0 %	

Component Elements Properties	Metric	English	Comments
Fe2O3	<= 1.0 %	<= 1.0 %	
MgO	24 %	24 %	
SiO2	46 %	46 %	

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