

CIMBAR RP 9305 Talc

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

Material Notes:

RP 9300 Series talcs are produced from high purity ores, which provide an excellent balance of color and mechanical properties, for primary use in commodity polypropylene and polyester compounds. RP 9300 Series talcs are platy, hydrophobic and non-abrasive. 9300 Series talcs industrial applications include: thermoplastics, thermosets, adhesives & mastics. Information provided by Cimbar Performance Minerals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_CIMBAR-RP-9305-Talc.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	91 %	91 %	Hunter Rd, dry
Oil Absorption	26 %	26 %	g oil/100 g filler; ASTM D281
Moisture Absorption at Equilibrium	0.30 %	0.30 %	
Loss On Ignition	17 %	17 %	
Particle Size	1.2 µm	1.2 µm	@ 10%; Micrometrics Sedigraph 5100
	5.5 µm	5.5 µm	Median
	27 µm	27 µm	@ 98%; Micrometrics Sedigraph 5100
Particle Mesh Size	325 Mesh	325 Mesh	0.1% retained
pH	9.0	9.0	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	<= 1.0 %	<= 1.0 %	
CaO	<= 13 %	<= 13 %	
Fe ₂ O ₃	<= 1.0 %	<= 1.0 %	
MgO	24 %	24 %	
SiO ₂	46 %	46 %	

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