

CIMBAR FlexTalc® 610D Ultrafine Talc for TPO Applications, Densified

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

Material Notes:

Cimbar Performance Minerals' FlexTalc® products are an ultrafine talc product line specifically engineered for use in high performance TPO applications. FlexTalc® products are made by a proprietary process that results in talc products which have very high aspect ratios, are easily dispersed, provide heat aging and offer compounded color. They are available in powder and densified (D) forms. Information provided by Cimbar Performance Minerals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_CIMBAR-FlexTalc-610D-Ultrafine-Talc-for-TPO-Applications-Densified.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.78 g/cc	2.78 g/cc	
Bulk Density	0.689 g/cc	0.0249 lb/in ³	Loose
Brightness	66 %	66 %	wet
	96 %	96 %	Hunter Rd, dry
Oil Absorption	68 %	68 %	g oil/100 g filler; ASTM D281
Moisture Absorption at Equilibrium	0.50 %	0.50 %	
Loss On Ignition	7.5 %	7.5 %	
Particle Size	1.0 µm	1.0 µm	D50
	<= 5.5 µm	<= 5.5 µm	PSD 98%
pH	8.7	8.7	

Component Elements Properties	Metric	English	Comments
Al2O3	<= 1.0 %	<= 1.0 %	
CaO	<= 1.0 %	<= 1.0 %	
Fe2O3	<= 1.0 %	<= 1.0 %	
MgO	30 %	30 %	
SiO2	60 %	60 %	

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