

CIMBAR NANO-FLEX® Talc - D for TPO Applications

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

Material Notes:

NANO-FLEX® Talc is designed for use in high performance TPO applications that require high brightness and an high balance of stiffness and toughens. NANO-FLEX® Talc is made by a proprietary process that results in a very high aspect ratio, excellent dispersion and heat aging while offering excellent compounded color. NANO-FLEX® Talc-D, which can improve handling and initial compounding. Information provided by Cimbar Performance Minerals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_CIMBAR-NANO-FLEX-Talc-D-for-TPO-Applications.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.80 g/cc	2.80 g/cc	
Bulk Density	0.641 g/cc	0.0231 lb/in ³	Loose
Brightness	70 %	70 %	wet
	93 %	93 %	Hunter Y, Rd value, dry
Moisture Absorption at Equilibrium	<= 0.50 %	<= 0.50 %	
Loss On Ignition	7.0 %	7.0 %	
Particle Size	0.70 µm	0.70 µm	D50
	<= 2.7 µm	<= 2.7 µm	D98

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	<= 1.0 %	<= 1.0 %	
CaO	<= 1.0 %	<= 1.0 %	
Fe ₂ O ₃	<= 1.0 %	<= 1.0 %	
MgO	30 %	30 %	
SiO ₂	60 %	60 %	

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