

CIMBAR CLEAR-BLOC® 80 Antiblock Talc

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

Material Notes:

CLEAR-BLOC® 80 talc, produced from high purity ore provides high brightness, clarity, low iron content and low surface area for primary use as an anti-block additive in LDPE and LLDPE film applications where superior blocking, greater polymer stability and improved optical properties are required. CLEAR-BLOC® 80 talc is platy, hydrophobic, non-abrasive, chemically inert and is suitable for food contact applications. Information provided by Cimbar Performance Minerals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_CIMBAR-CLEAR-BLOC-80-Antiblock-Talc.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.78 g/cc	2.78 g/cc	
Bulk Density	0.288 g/cc	0.0104 lb/in ³	Loose
	0.721 g/cc	0.0260 lb/in ³	Tapped
Brightness	90 %	90 %	Hunter Rd value, dry
Oil Absorption	36 %	36 %	g oil/100 g filler; ASTM D281
Moisture Absorption at Equilibrium	0.30 %	0.30 %	
Loss On Ignition	7.5 %	7.5 %	
Particle Size	1.5 µm	1.5 µm	@ 10%
	3.8 µm	3.8 µm	D50
	28 µm	28 µm	@ 98%
Particle Mesh Size	325 Mesh	325 Mesh	0.1% retained
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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