

World Minerals Celite® White Mist® PF Diatomaceous Earth Antiblock Additive

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

Material Notes:

Used as an antiblocking additive for polyethylene films. Exhibits minimal interactions with other additives in most LDPE and LLDPE resin systems. Antiblocking is accomplished via the varied particle shapes of diatomite particles that protrude from, or are at the surface of, the polyethylene film. The amount of Celite® antiblock required is generally in the 0.2% to 0.5% range.

Order this product through the following link:

http://www.lookpolymers.com/polymer_World-Minerals-Celite-White-Mist-PF-Diatomaceous-Earth-Antiblock-Additive.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.30 g/cc	2.30 g/cc	
Brightness	89 %	89 %	Blue Light
Particle Size	9.0 µm	9.0 µm	Median

Optical Properties	Metric	English	Comments
Refractive Index	1.48	1.48	

Component Elements Properties	Metric	English	Comments
Al2O3	3.2 %	3.2 %	
CaO	0.60 %	0.60 %	
Fe2O3	1.0 %	1.0 %	
K2O+Na2O	2.9 %	2.9 %	
MgO	0.50 %	0.50 %	
SiO2	91.8 %	91.8 %	

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.50 %	<= 0.50 %	As Shipped

Descriptive Properties	Value	Comments
Hunter b Color Value	<2	Dry
	5.3	Wet

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