

FEATURES

- ▶ Engineered particle size distribution
- ▶ Organophilic surface which provides improvement in blown film and cast line speed

BENEFITS

- ▶ When incorporated in to polyolefin films, expected properties are as follows:
- ▶ Processed Surface Tension
- ▶ Reduced COF
- ▶ Increased tensile and puncture resistance
- ▶ Improved heat seal
- ▶ Enhanced anti-blocking

SHIPPING INFORMATION

SUPER-FIL® ships from Lucerne Valley, CA.

Product is available in 50 LB. bags and supersacks.

For availability and minimum order quantity, contact customer service.

SALES OFFICES

Lucerne Valley, CA

800-255-5832

Bethlehem, PA, USA

800-801-1031

www.mineralstech.com

SUPER-FIL® (Lucerne Valley, CA)

Surface Treated Ground Limestone

Product Description

SUPER-FIL® ground calcium carbonate has an engineered particle size distribution combined with an organophilic surface which provides improvement in blown film and cast line speed. When incorporated into polyolefin films, expected properties are processed surface tension, reduced COF, increased tensile and puncture resistance, improved heat seal, and enhanced anti-blocking.

Typical Physical Properties

Average Particle Size (microns)	2.0
Surface Area (meters ² /gram)	3.5
Specific Gravity	2.7
Dry Brightness (Hunter Y, Rd value)	95
Bulk Density (pounds/ft ³)	46
(grams/cc)	0.74
Tap Density (pounds/ft ³)	98
(grams/cc)	1.47

Chemical Composition (Typical - Before Treatment)

Magnesium Carbonate (MgCO ₃)	1.2%
Moisture (%) (% weight loss @ 110° C)	0.2%
Calcium Carbonate (CaCO ₃)	97%
Iron as (Fe ₂ O ₃)	<0.1%

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