

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 (lbs/ft ³)	46
(grams/cc)	0.74
Tap Density (lbs/ft ³)	98
(grams/cc)	1.47
Chemical Composition (Typical - Before Treatment)	
Magnesium Carbonate (MgCO ₃)	1.2%
Moisture (%)	0.2%
(% weight loss @ 110° C)	
Calcium Carbonate (CaCO ₃)	97%
Iron as (Fe ₂ O ₃)	<0.1%

*Values listed are typical, not to be considered as specifications of the product.

All products are sold on the understanding that the user is solely responsible for determining their suitability for the intended use. All information given and recommendations made herein are based upon our research and are believed to be accurate, but no guarantee, either expressed or implied, is made with respect thereto or with respect to the infringement of any patent. SMI MAKES NO WARRANTY OF MERCHANTABILITY OR SUITABILITY FOR ANY PARTICULAR PURPOSE IN CONNECTION WITH ANY SALE OF THE PRODUCTS DESCRIBED HEREIN. Inconsistent terms and conditions contained in Buyer's purchase order shall not be binding on SMI unless reflected in writing signed by SMI's representative. This information is not to be copied, used in evidence, released for publication or public distribution without written permission from Specialty Minerals Inc.

Specialty
MINERALS

A MINERALS TECHNOLOGIES COMPANY