

SUPER-FIL® (Lucerne Valley, CA)

surface treated ground calcium carbonate

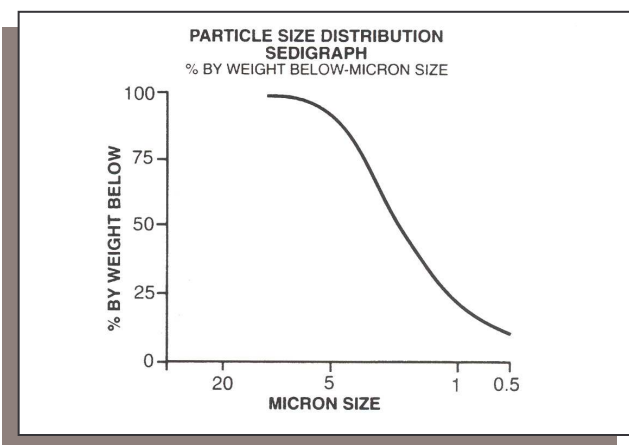
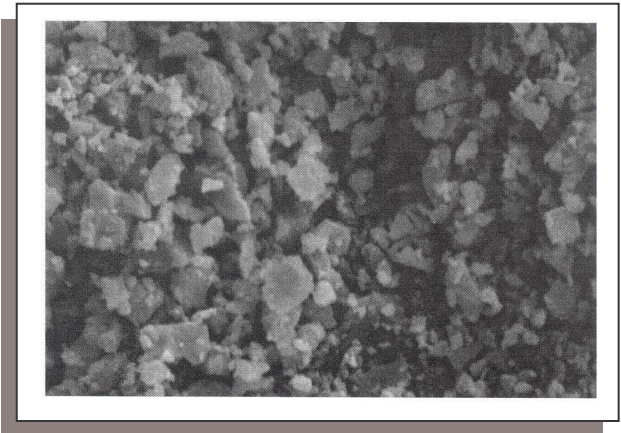
SUPER-FIL® ground calcium carbonate has an engineered particle size distribution combined with an organophillic surface which provides improvement in blown film and cast line speed. When incorporated into polyolefin films, expected properties are processed surface tension, reduced COF, increased tensile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

Typical Properties

Average Particle Size (microns)	2.0
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
Surface Area (meters ² /gram)	3.5
Specific Gravity	2.7

Chemical Composition

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



SUPER-FIL® is listed under the NSF generic listing program for CaCO₃

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