

## FEATURES

- ▶ Narrow Particle Size Distribution
- ▶ Fine Particle Size
- ▶ Process Controlled Top Size

## BENEFITS

- ▶ Economical solution as a pigment, filler, reinforcement, or bodying agent
- ▶ Tailored for desired oil absorption and viscosity
- ▶ Controlled light scattering, opacity, rheology, and reinforcement
- ▶ Exceptional finished color in Polymer Systems

## SHIPPING INFORMATION

MAGNUM FILL® SD PCC ships from Ste. Genevieve MO

Product is available in 50 lb. bags, supersacks, and bulk.

For availability and minimum order quantity, contact customer service.

## SALES OFFICES

Bethlehem, PA  
800-801-1031

[www.mineralstech.com](http://www.mineralstech.com)

# MAGNUM FILL® SD

## Precipitated Calcium Carbonate

### Product Description

Magnum Fill® SD is a high brightness precipitated calcium carbonate designed as a functional filler for the coatings market. It is a versatile pigment for extending TiO<sub>2</sub>. Superior opacity is achieved as a result of its particle size distribution and crystal morphology.

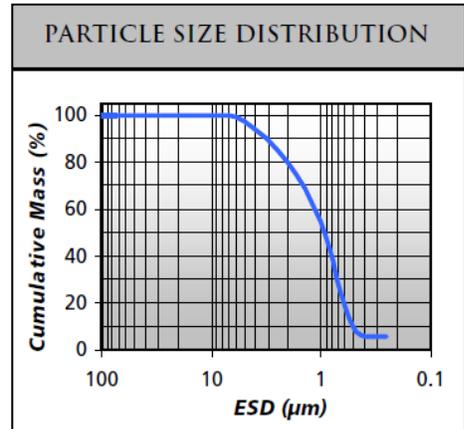
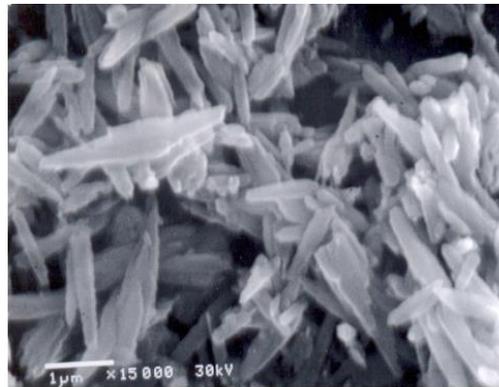
### Typical Physical Properties

Form	Dry Powder
Crystal Type	Acicular Aragonite
Median Particle Size (Sedigraph, microns)	0.8 µm
Surface Area (BET)	10 m <sup>2</sup> /g
Dry Brightness (GE)	97.0
Oil Absorption (Rub Out) (ASTM D-281)	40.0
Residue (+325 mesh)	0.01%
Refractory Index	1.68
Specific Gravity	2.85
Apparent Dry Bulk Density - Loose	17 lbs/ft <sup>3</sup>
Apparent Dry Bulk Density - Packed	34 lbs/ft <sup>3</sup>
pH	9.5

### Chemical Properties

Calcium Carbonate	CaCO <sub>3</sub>	98.6%
Iron As	Fe <sub>2</sub> O <sub>3</sub>	0.05%
Moisture (Free H <sub>2</sub> O)		0.5%

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



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