

FEATURES

- ▶ Narrow particle size
- ▶ 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
- ▶ Improved Hegman Grind
- ▶ 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.mineraltech.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 TiO₂. Superior opacity is achieved as a result of its particle size distribution and crystal morphology.

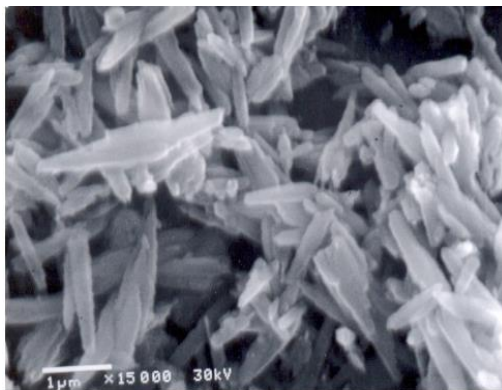
Typical Physical Properties*

Form	Dry Powder
Crystal Type	Acicular Aragonite
Median Particle Size (Sedigraph, microns)	0.8 µm
Surface Area (BET)	10 m ² /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 ³
Apparent Dry Bulk Density - Packed	34 lbs/ft ³
pH	9.5

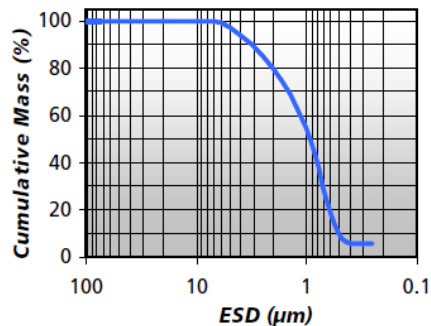
Chemical Properties

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

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



PARTICLE SIZE DISTRIBUTION



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