

# Magnum Fill™ SD

## Precipitated Calcium Carbonate

### PRODUCT DESCRIPTION

Magnum Fill™ SD is a high brightness precipitated calcium carbonate designed as a functional filler for both coatings and paper markets. It is a versatile pigment for extending TiO<sub>2</sub> in these applications. Superior opacity is achieved as a result of its particle size distribution and crystal morphology. Used as a paper filler, Magnum Fill™ SD provides excellent retention and drainage properties.

TYPICAL PHYSICAL PROPERTIES	
Form	Dry Powder
Crystal Type	Acicular Aragonite
Median Particle Size (Sedigraph)	0.8 µm
Surface Area (BET)	9.5 m <sup>2</sup> /g
Dry Brightness (GE)	97.0
Oil Absorption (Rub Out) (ASTM D-281)	40
Residue (+325 mesh)	0.01%
Refractive Index	1.68
Specific Gravity	2.85
Einlehner Abrasion	5.0 mg
pH	9.5

TYPICAL CHEMICAL PROPERTIES	
CaCO <sub>3</sub>	98.6%
Fe <sub>2</sub> O <sub>3</sub>	0.05%
Crystalline Silica	<0.1%
Moisture (Free H <sub>2</sub> O)	0.5%

