

# Magnum Fill™ 70% Precipitated Calcium Carbonate

## PRODUCT DESCRIPTION

Magnum Fill™ 70% is a high solids, high brightness precipitated calcium carbonate slurry designed as a high opacity functional filler for paper applications. It provides excellent retention and drainage properties for papermakers. Magnum Fill™ 70% can also be used a precoat pigment to enhance fiber coverage and paper brightness.

TYPICAL PHYSICAL PROPERTIES	
Crystal Type	Acicular Aragonite
Median Particle Size (Sedigraph)	0.6 µm
Surface Area (BET)	10.1 m <sup>2</sup> /g
Dry Brightness (GE)	97.0
Solids	70.0%
Brookfield Viscosity (20 rpm, #4 spindle)	870 cps
Hercules Viscosity (18 dynes, A bob)	1200 rpm
Refractive Index	1.68
Specific Gravity	2.85
Einlehner Abrasion	4 mg
Residue (+325 mesh)	0.003%
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%

