

Magnum Fill™ M

Precipitated Calcium Carbonate

PRODUCT DESCRIPTION

Magnum Fill™ M is a high brightness precipitated calcium carbonate designed as a functional filler for both the coatings and paper markets. Magnum Fill™ M is a further processed version of Magnum Fill™ SD to improve the physical characteristics such as ink receptivity, Hegman grind and oil absorption.

TYPICAL PHYSICAL PROPERTIES	
Form	Dry Powder
Crystal Type	Acicular Aragonite
Median Particle Size (Sedigraph)	0.9 µm
Surface Area (BET)	10 m ² /g
Dry Brightness (GE)	97.0
Oil Absorption (Rub Out) (ASTM D-281)	40
Residue (+325 mesh)	0.01%
Hegman Grind	6.0
Hardness: Mohs	4.0
Refractive 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

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

PARTICLE SIZE DISTRIBUTION

