

Discovering what's possible with calcium

PRODUCT DESCRIPTION

Magnum Gloss® XF is a high brightness precipitated calcium carbonate designed for both the coatings and paper markets. Magnum Gloss® XF is a further processed version of Magnum Gloss® SD to enhance physical properties like ink receptivity, Hegman grind, and oil absorption.

TYPICAL PHYSICAL PROPERTIES	
Form	Dry Powder
Crystal Type	Acicular Aragonite
Median Particle Size (Sedigraph)	0.38 µm
Surface Area (BET)	12.5 m ² /g
Dry Brightness (GE)	96.0
Oil Absorption (Rub Out) (ASTM D-281)	32
Residue (+325 mesh)	0.01%
Hardness: Mohs	4.0
Refractive Index	1.68
Specific Gravity	2.85
Hegman Grind	6
Apparent Dry Bulk Density - Loose	30 lbs/ft ³
Apparent Dry Bulk Density - Packed	50 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

