

Magnum Gloss® SD

Precipitated Calcium Carbonate

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

An extraordinary pigment from Mississippi Lime Co., Magnum Gloss® SD is designed to provide a superior level of gloss and brightness in satin and semi-gloss paints as well as industrial coatings. This significantly higher gloss is due in part to Magnum Gloss® SD tightly controlled particle range.

TYPICAL PHYSICAL PROPERTIES	
Form	Dry Powder
Crystal Type	Acicular Aragonite
Median Particle Size (Sedigraph)	0.38 µm
Surface Area (BET)	12 m ² /g
Dry Brightness (GE)	96.0
Oil Absorption (Rub Out) (ASTM D-281)	28
Residue (+325 mesh)	0.01%
Hardness: Mohs	4.0
Refractive Index	1.68
Specific Gravity	2.85
Apparent Dry Bulk Density - Loose	55 lbs/ft ³
Apparent Dry Bulk Density - Packed	70 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%

