

Discovering what's possible with calcium

PRODUCT DESCRIPTION

Magnum Gloss[®] SAT is a high brightness precipitated calcium carbonate designed as a functional filler for PVC compounds. Magnum Gloss[®] SAT will extend the resin and improve impact strength.

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)	30
Residue (+325 mesh)	0.01%
Hardness: Mohs	4.0
Refractive Index	1.68
Specific Gravity	2.85
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	97.0%
Fe ₂ O ₃	0.05%
Crystalline Silica	<0.1%
Moisture (Free H ₂ O)	0.5%
Coating Material	Stearic Acid

