

Omya OMYAFLOW® UF - SY Calcium Carbonate

Category : Ceramic , Other Engineering Material , Additive/Filler for Polymer

Material Notes:

A high purity, ultrafine, wet ground natural calcium carbonate available in dry or slurry form. Applications: Decorative paints. Information supplied by Omya North America.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Omya-OMYAFLOW-UF-SY-Calcium-Carbonate.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.92 g/cc	1.92 g/cc	
Density	1.921 g/cc	0.06939 lb/in ³	Slurry
Solids Content	76 %	76 %	as Supplied
Brightness	97 %	97 %	Y - Brightness (dry)
Particle Size	0.70 µm	0.70 µm	Median Diameter
Specific Surface Area	12 m ² /g	12 m ² /g	
Brookfield Viscosity	200 cP @Temperature 25.0 °C	200 cP @Temperature 77.0 °F	No. 3 Spindle, 100 rpm

Descriptive Properties	Value	Comments
Calcium Carbonate %	98	
FDA	21 CFR 174.5, 175.300, 178.3297	
Magnesium Carbonate %	1	
Percent Finer than 1 Microns	65	
Percent Finer than 2 Microns	90	
Pounds Pigment/gallon (slurry)	12.2	
Pounds Pigment/Solid Gallon (dry)	12.2	
Retained in 325 mesh (dry) ppm	1	

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