

Omya OMYACARB® 3 - FL Calcium Carbonate

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

Material Notes:

A beneficiated calcium carbonate with excellent fineness, color, and dispersion characteristics available in dry and slurry forms. Applications: Employed in rubber and plastic applications such as rigid PVC and plasticized PVC. Also used in all types of coatings and paints, putties, caulk, and sealants. Information supplied by Omya North America.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Omya-OMYACARB-3-FL-Calcium-Carbonate.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.85 g/cc	1.85 g/cc	Slurry
	2.70 g/cc	2.70 g/cc	dry
Density	1.854 g/cc	0.06697 lb/in ³	Slurry
Solids Content	72 %	72 %	Slurry
Brightness	95.5 %	95.5 %	Y - Brightness (dry)
Moisture Absorption at Equilibrium	0.040 %	0.040 %	Moisture Loss at 110°C % (dry)
Particle Size	3.2 µm	3.2 µm	Median Diameter
Specific Surface Area	3.2 m ² /g	3.2 m ² /g	

Optical Properties	Metric	English	Comments
Refractive Index	1.57	1.57	dry

Descriptive Properties	Value	Comments
Calcium Carbonate %	98	
FDA	21 CFR 174.5, 175.300, 178.3297	
Hegman (dry)	6	
Magnesium Carbonate %	1	
Pounds Pigment/gallon (slurry)	11.3	
Pounds Pigment/Solid Gallon (dry)	22.6	
Retained in 325 mesh (dry) ppm	40	

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