

Omya HYDROCARB® 90 HS Calcium Carbonate

Category : Ceramic

Material Notes:

An ultrafine ground calcium carbonate for paper and board coating. Information supplied by Omya North America.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Omya-HYDROCARB-90-HS-Calcium-Carbonate.php

Physical Properties	Metric	English	Comments
Solids Content	78 %	78 %	Slurry Solids
Brightness	96 %	96 %	T534 om-76 Brightness (Diffuse Reflectance)
Loss On Ignition	0.000 % @Temperature 400 °C	0.000 % @Temperature 752 °F	
	42.6 % @Temperature 900 °C	42.6 % @Temperature 1650 °F	
Particle Size	0.70 µm	0.70 µm	Median Diameter
Specific Surface Area	12.5 m ² /g	12.5 m ² /g	
Brookfield Viscosity	200 cP @Temperature 25.0 °C	200 cP @Temperature 77.0 °F	No. 3 Spindle, 100 rpm

Optical Properties	Metric	English	Comments
Reflection Coefficient, Visible (0-1)	0.96	0.96	T534 om-76 Brightness (Diffuse Reflectance)

Descriptive Properties	Value	Comments
Calcium Carbonate %	98	
FDA	21 CFR 174.5, 176.170, 176.180	
Magnesium Carbonate %	1	

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