

## Omya OMYAFIL® Calcium Carbonate

Category : Ceramic

**Material Notes:**

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

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Omya-OMYAFIL-Calcium-Carbonate.php](http://www.lookpolymers.com/polymer_Omya-OMYAFIL-Calcium-Carbonate.php)

Physical Properties	Metric	English	Comments
Solids Content	72 %	72 %	Slurry Solids
Brightness	96.5 %	96.5 %	T534 om-76 Brightness (Diffuse Reflectance)
Loss On Ignition	0.000 %	0.000 %	
	@Temperature 400 °C	@Temperature 752 °F	
Particle Size	42.6 %	42.6 %	
	@Temperature 900 °C	@Temperature 1650 °F	
Specific Surface Area	11.5 m <sup>2</sup> /g	11.5 m <sup>2</sup> /g	
Brookfield Viscosity	200 cP	200 cP	No. 3 Spindle, 100 rpm
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Optical Properties	Metric	English	Comments
Reflection Coefficient, Visible (0-1)	0.965	0.965	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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