

## Omya OMYACARB® 4 - LU Calcium Carbonate

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

### Material Notes:

A fine, dry ground calcium carbonate with excellent color and dispersion characteristics. Applications: Rubber and plastic applications such as rigid and plasticized PVC. Also used in 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-4-LU-Calcium-Carbonate.php](http://www.lookpolymers.com/polymer_Omya-OMYACARB-4-LU-Calcium-Carbonate.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.70 g/cc	2.70 g/cc	
Brightness	94 %	94 %	Y - Brightness (dry)
Oil Absorption	14 %	14 %	g oil / 100 g pigment
Moisture Absorption at Equilibrium	0.030 %	0.030 %	Moisture Loss at 110°C % (dry)
Particle Size	3.5 µm	3.5 µm	Median Diameter

Descriptive Properties	Value	Comments
Calcium Carbonate %	98	
DOP Absorption, g DOP/100 g pigment	26	
FDA	21 CFR 174.5, 175.300, 178.3297	
Hegman (dry)	6	
Magnesium Carbonate %	1	
Retained in 325 mesh (dry), %	0.005	

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