

CIMBAR RiverCal™ 8107 & 8107C Calcium Carbonate (CaCO3)

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

RiverCal™ 8100 Series Calcium Carbonate are high purity, white, functional fillers targeted for use in thermosets, thermoplastics, paint & coatings, sealants, TPO's and TPE's and other applications requiring an economical filler. RiverCal™ 8100 Series products are also available with stearic acid surface coating, designated with a "C", where improved flow and reduced dusting are required. Information provided by Cimbar Performance Minerals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_CIMBAR-RiverCal-8107-8107C-Calcium-Carbonate-CaCO3.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.71 g/cc	2.71 g/cc	
Bulk Density	0.577 g/cc	0.0208 lb/in ³	Loose
	1.39 g/cc	0.0503 lb/in ³	Tapped
Brightness	89 %	89 %	Stearate Treated, Hunter Rd value
	92 %	92 %	Uncoated, Hunter Rd value
Oil Absorption	15 %	15 %	g oil/100 g filler; ASTM D281
Fineness	5.0	5.0	Hegman Fineness; ASTM D1210
Moisture Absorption at Equilibrium	0.30 %	0.30 %	
Loss On Ignition	44 %	44 %	
	@Temperature 1050 °C	@Temperature 1920 °F	
Particle Size	1.8 µm	1.8 µm	@ 10%
	5.0 µm	5.0 µm	D50
	32 µm	32 µm	@ 98%
Particle Mesh Size	325 Mesh	325 Mesh	0.5% retained
pH	9.5	9.5	

Component Elements Properties	Metric	English	Comments
Fe2O3	<= 0.10 %	<= 0.10 %	

Descriptive Properties	Value	Comments
CaCO3	99	

Descriptive Properties

Value

Comments

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