

CIMBAR Suspengel™ 200 High Purity Bentonite, Industrial Grade

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

Material Notes:

Suspengel products are manufactured from the highest quality Western Bentonite reserves. Suspengel products are easy to disperse thixotropes with excellent suspension properties. Strict process control assures our customers of the most consistent products on the market. Typical Industrial Uses: Agricultural Products - Pesticides, Fertilizers, Fungicides Coatings Market - Rheological additive, Suspension Paper Industry - Suspension, De-Inking Industrial Markets - Ceramics, Adhesives, Caulks, Sealants, Foundry/Refractory Environmental Applications - Water Treatment, Waste Treatment, Pond/Lake Sealing

Order this product through the following link:

http://www.lookpolymers.com/polymer_CIMBAR-Suspengel-200-High-Purity-Bentonite-Industrial-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.50 g/cc	2.50 g/cc	
Bulk Density	1.15 g/cc	0.0417 lb/in ³	
Oil Absorption	38 %	38 %	g oil/100 g filler; ASTM D281-31
Moisture Absorption at Equilibrium	8.0 %	8.0 %	
Loss On Ignition	11 %	11 %	
Particle Mesh Size	200 Mesh	200 Mesh	80.0% passing, dry
	200 Mesh	200 Mesh	98.0% passing, wet
	325 Mesh	325 Mesh	95.0% passing, wet
pH	9.0	9.0	
Viscosity	9.5 cP	9.5 cP	Apparent
Viscosity Measurement	9.0	9.0	Plastic Viscosity (FV)

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	21.4 %	21.4 %	
CaO	<= 0.70 %	<= 0.70 %	
Fe ₂ O ₃	3.8 %	3.8 %	
K ₂ O	0.30 %	0.30 %	
MgO	2.0 %	2.0 %	
Na ₂ O	2.7 %	2.7 %	

SiO2 Component Elements Properties	63.3 % Metric	63.3 % English	Comments
Descriptive Properties		Value	Comments
Base Exchange Capacity (meq/kg)		1050	
Surface Area N2 Absorption (m ² /g)		20	
Yield Point (Lb/100 ft ²)		1	

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