

CIMBAR Suspengel™ 325 Plus 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 Information provided by Cimbar Performance Minerals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_CIMBAR-Suspengel-325-Plus-High-Purity-Bentonite-Industrial-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.50 g/cc	2.50 g/cc	
Bulk Density	0.977 g/cc	0.0353 lb/in ³	
Oil Absorption	37 %	37 %	g oil/100 g filler; ASTM D281-31
Moisture Absorption at Equilibrium	7.0 %	7.0 %	
Loss On Ignition	16 %	16 %	
Particle Mesh Size	325 Mesh	325 Mesh	98.0% passing, dry
	325 Mesh	325 Mesh	99.0% passing, wet
pH	9.0	9.0	
Viscosity	20 cP	20 cP	Apparent
Viscosity Measurement	14	14	Plastic Viscosity (FV)

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	21.4 %	21.4 %	
CaO	<= 0.60 %	<= 0.60 %	
Fe ₂ O ₃	3.8 %	3.8 %	
K ₂ O	0.30 %	0.30 %	
MgO	2.3 %	2.3 %	
Na ₂ O	2.5 %	2.5 %	
SiO ₂	63.3 %	63.3 %	

Component Elements Properties	Metric	English	Value	Comments
Descriptive Properties			Value	Comments
Base Exchange Capacity (meq/kg)			98	
Surface Area N2 Absorption (m ² /g)			20	
Yield Point (Lb/100 ft ²)			12	

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