

## CIMBAR Suspengel™ 325 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-High-Purity-Bentonite-Industrial-Grade.php](http://www.lookpolymers.com/polymer_CIMBAR-Suspengel-325-High-Purity-Bentonite-Industrial-Grade.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.50 g/cc	2.50 g/cc	
Bulk Density	0.961 g/cc	0.0347 lb/in <sup>3</sup>	
Oil Absorption	41 %	41 %	g oil/100 g filler; ASTM D281-31
Moisture Absorption at Equilibrium	7.0 %	7.0 %	
Loss On Ignition	12 %	12 %	
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	12.5 cP	12.5 cP	Apparent
Viscosity Measurement	10	10	Plastic Viscosity (FV)

Component Elements Properties	Metric	English	Comments
Al2O3	21.4 %	21.4 %	
CaO	<= 0.70 %	<= 0.70 %	
Fe2O3	3.8 %	3.8 %	
K2O	0.30 %	0.30 %	
MgO	2.0 %	2.0 %	
Na2O	2.7 %	2.7 %	
SiO2	63.3 %	63.3 %	

Component Elements Properties	Metric	English	Value	Comments
Descriptive Properties			Value	Comments
Base Exchange Capacity (meq/kg)			1050	
Surface Area N2 Absorption (m <sup>2</sup> /g)			20	
Yield Point (Lb/100 ft <sup>2</sup> )			5	

## Contact Songhan Plastic Technology Co.,Ltd.

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