

**Micronized
Hectorite**

Revised 05/25/01

HECTALITE® 200

General Description	High-purity, micronized sodium hectorite clay, consisting of microfine particles for emulsion stabilizing, gelling, suspending, and binding.		
Functional Use	High-yielding hectorite clay that exhibits high efficiency, excellent rheology and stability. Typically used in dishwasher liquids, cementitious products, cleaners, architectural paints, ceramics, and adhesives.		
Purity	Composed principally of the clay mineral hectorite.		
Solubility	Insoluble in water or alcohol; one gram of clay produces a surface area greater than 750 sq. meters when fully dispersed.		
Brightness	70 minimum	Texture	Soft, slippery
Moisture	12% Maximum	Odor	None
Viscosity	2000 - 5000 @ 5% solids	Taste	None
Spec. Gravity	2.6	Color	White to off-white
Free Swell	Minimum 24 mls	pH	9.0-11.0 @ 2% solids
Dry Particle Size	Minimum 95.00% finer than 325 mesh (44 microns).		
Wet Particle Size	Minimum 99.75% finer than 200 mesh (74 microns). Minimum 99.00% finer than 325 mesh (44 microns).		
Chemical Formula	Trioctahedral smectite, an expanding layer silicate: (Ca,Na) _{0.33} (Mg _{2.66} ,Li _{0.33})Si ₄ O ₁₀ (F,OH) ₂		
Elemental Composition	Typical analysis – moisture free.		
	SiO ₂	60.8%	
	Al ₂ O ₃	1.58%	
	MgO	20.3%	
	Fe ₂ O ₃	1.23%	
	CaO	12.1%	
	Na ₂ O	2.80%	
	Li ₂ O	1.29%	
	K ₂ O	0.33%	
	LOI	8.50%	
Packaging	5-ply multi-wall poly-lined bags, moisture-resistant, 50 pound net.		

Disclaimer: The information and data contained herein are believed to be accurate and reliable. ACC makes no warranty of any kind and accepts no responsibility for the results obtained through application of this information