



HECTABRITE® C

Description Highly purified white sodium hectorite. Hectabrite® C is surface modified and is supplied as a free-flowing powder.

Functional Use: Produces high viscosities and high gel strengths at low solids levels. Exhibits a high degree of shear thinning. Excellent for use in all personal care formulations.

Purity: This mineral is specially processed to control both purity and performance. May contain trace amounts of calcite, quartz, and dolomite.

Solubility: Insoluble in water or alcohol; one gram of clay produces a surface area greater than 750 sq. meters when fully dispersed.

Typical Properties

Brightness	78 minimum	Texture	Soft, slippery
Moisture	3 - 9% as shipped	Color	White to off-white
Viscosity	2000 - 5000 cps @ 3% solids	pH	9.0-11.0 @ 2% solids
Free Swell	Minimum 70 mls		

Dry Particle Size: Minimum 99.00% finer than 200 mesh (74 microns).

Chemical Formula: Trioctahedral smectite, an expanding layer silicate: $(Ca,Na)_{0.33}(Mg_{2.66},Li_{0.33})Si_4O_{10}(F,OH)_2$

Elemental Composition: Typical analysis – moisture free.

SiO ₂	61.8%
Al ₂ O ₃	1.58%
MgO	20.3%
Fe ₂ O ₃	1.23%
CaO	10.1%
Na ₂ O	2.80%
Li ₂ O	1.29%
K ₂ O	0.33%

Packaging: 5-ply multi-wall poly-lined bags, moisture-resistant, 50 pound net.

