

Magnabrite[®] HV

Grade: White flakes, mixture of smectite clays

TYPICAL ANALYSIS

General Description	Highly-purified, selected blend of white smectite clays supplied as small flakes to ease dispersion.		
Functional Use	Stabilizing, emulsifying and suspending agent for use in cosmetics, pharmaceuticals and personal care products. Magnabrite HV is produced to deliver high viscosity and excellent rheology to be incorporated in low solids formulations..		
Purity	Magnabrite HV is specially produced to control both purity and performance.		
Brightness	78 minimum	Texture	Soft, slippery
Moisture	10% Maximum	Odour	None
Viscosity	800 - 2200 cps @ 5% solids	Taste	None
pH	8.5 – 10.5 @ 5% solids	Colour	White to off-white
Spec. Gravity	2.6		
Solubility	Insoluble in water or alcohol; 1g of clay produces a surface area greater than 75 m ² when fully dispersed		
Dry Particle Size	99.00% less than 220 mesh (75 micron)		
Wet Particle Size	99.75% less than 200 mesh (75 micron) 99.00% less than 325 mesh (45 micron)		
Elemental Analysis (Moisture Free)	SiO ₂ 70.93%	Al ₂ O ₃ 10.33%	
	MgO 9.17%	Fe ₂ O ₃ 1.51%	
	CaO 5.23%	Na ₂ O 1.02%	
	K ₂ O 0.76%	LOI 5.10%	
Packaging	5 ply Multi-wall, poly lined, moisture resistant bags (25 kg)		

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