

SPV 200

Application: Ceramics, Porcelain, Glazes

Grade: General Purpose 200 Mesh Powder

TYPICAL ANALYSIS

General Description	SPV 200 is a selectively-mined and processed, high-quality sodium bentonite	
Functional Use	Multi-purpose suspending, emulsifying, and binding agent used in industrial products where a dry 200 mesh particle size is required. Hydrous aluminium silicate comprised principally of the clay mineral	
Purity	Hydrous aluminium silicate comprised principally of the clay mineral montmorillonite. Contains small portions of feldspar, calcite, and quartz.	
Chemical Formula	Dioctahedral smectite, an expanding layer silicate: (Na,Ca)0.33 (Al1.67Mg0.33)Si4O10(OH)2.nH2O	
Moisture	Maximum 12% as shipped.	
Dry Particle Size	Minimum 65% passing 200 mesh (74 microns).	
Wet Particle Size	Minimum 94% passing 200 mesh (74 microns). Minimum 92% passing 325 mesh (44 microns).	
pH	8.5 to 10.5 @ 5% solids	
Viscosity	8 - 30 cps @ 6.25% solids.	
Elemental Analysis (Moisture Free)	SiO ₂ 63.02 %	Al ₂ O ₃ 21.08 %
	Fe ₂ O ₃ 3.25 %	FeO 0.35 %
	MgO 2.67 %	Na ₂ O 2.57 %
	CaO 0.65 %	Trace 0.72 %
	LOI 5.64 %	
Packaging	Multi-wall paper bags (20 kg)	

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