

## SPV 200

**Application:** Ceramics, Porcelain, Glazes

**Grade:** General Purpose 200 Mesh Powder

### TYPICAL ANALYSIS

<b>General Description</b>	SPV 200 is a selectively-mined and processed, high-quality sodium bentonite	
<b>Functional Use</b>	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	
<b>Purity</b>	Hydrous aluminium silicate comprised principally of the clay mineral montmorillonite. Contains small portions of feldspar, calcite, and quartz.	
<b>Chemical Formula</b>	Diocahedral smectite, an expanding layer silicate: (Na,Ca)0.33 (Al1.67Mg0.33)Si4O10(OH)2.nH2O	
<b>Moisture</b>	Maximum 14% as shipped.	
<b>Dry Particle Size</b>	Minimum 65% passing 200 mesh (74 microns).	
<b>pH</b>	8.5 to 10.5 @ 5% solids	
<b>Viscosity</b>	8 - 30 cps @ 6.25% solids.	
<b>Elemental Analysis (Moisture Free)</b>	SiO <sub>2</sub> 63.02 %	Al <sub>2</sub> O <sub>3</sub> 21.08 %
	Fe <sub>2</sub> O <sub>3</sub> 3.25 %	FeO 0.35 %
	MgO 2.67 %	Na <sub>2</sub> O 2.57 %
	CaO 0.65 %	Trace 0.72 %
	LOI 5.64 %	
<b>Packaging</b>	Multi-wall paper bags (20 kg)	

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