

**Custom Granular
20-40 Mesh**

Revised 8/28/09

VOLCLAY[®] SPG 20-40

General Description	Double-screened granular sodium bentonite with an average particle size ranging between 20 and 40 mesh.																		
Functional Use	Used as a granular carrier for agriculturally-related chemicals and other substances where controlled particle size is required.																		
Purity	Hydrous aluminum silicate comprised principally of the clay mineral montmorillonite. Contains minor amounts of feldspar, calcite, and quartz.																		
Chemical Formula	Diocahedral smectite, an expanding layer silicate: $(\text{Na,Ca})_{0.33}(\text{Al}_{1.67}\text{Mg}_{0.33})\text{Si}_4\text{O}_{10}(\text{OH})_2 \cdot n\text{H}_2\text{O}$																		
Elemental Composition	Typical analysis – moisture free. <table><tr><td>SiO₂</td><td>63.02 %</td></tr><tr><td>Al₂O₃</td><td>21.08 %</td></tr><tr><td>Fe₂O₃</td><td>3.25 %</td></tr><tr><td>FeO</td><td>0.35 %</td></tr><tr><td>MgO</td><td>2.67 %</td></tr><tr><td>Na₂O</td><td>2.57 %</td></tr><tr><td>CaO</td><td>0.65 %</td></tr><tr><td>Trace</td><td>0.72 %</td></tr><tr><td>LOI</td><td>5.64 %</td></tr></table>	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 %
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Moisture	Maximum 12% as shipped.																		
Dry Particle Size	25% maximum retained on 10 mesh. 98.5% minimum retained on 40 mesh. 1.5% maximum passing 50 mesh.																		
Wet Particle Size	Minimum 94% finer than 200 mesh (74 microns). Minimum 92% finer than 325 mesh (44 microns).																		
pH	8.0 - 10.5 @ 5% solids.																		
Viscosity	8 - 30 cps @ 6.25% solids.																		
Packaging	50 or 100 pound multi-wall paper bags, or bulk.																		

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