

1500 WEST SHURE DRIVE ARLINGTON HEIGHTS. IL 60004

T | 800.426.5564 | 847.392.4600

F 847.506.6199

WWW.COLLOID.COM AMERICAN COLLOID COMPANY



CERAMICS | PAINTS & COATINGS | WINE & JUICE CLARIFICATION | INDUSTRIA

General Purpose

Granular Revised 05/25/01

VOLCLAY® GPG 55

General Fine granular sodium bentonite with an average particle size ranging between

Description 20 and 200 mesh.

Functional Multi-purpose product noted for rapid dispersion in water. Employed in a

Use wide variety of industrial applications.

Purity Hydrous aluminum silicate comprised principally of the clay mineral montmorillonite.

Contains minor amounts of feldspar, calcite, and gypsum.

Chemical Dioctahedral smectite, an expanding layer silicate:

Formula $(Na,Ca)_{0.33} (AI_{1.67}Mg_{0.33})Si_4O_{10}(OH)_2 nH_2O$

Elemental Typical analysis – moisture free. **Composition**

63.02 % SiO₂ 21.08 % Al_2O_3 3.25 % Fe_2O_3 FeO 0.35 % MgO 2.67 % 2.57 % Na₂O CaO 0.65 % Trace 0.72 % LOI 5.64 %

Moisture Maximum 12% as shipped.

Dry Particle 45-55% retained on 50 mesh (typical).

Size

Wet Particle Minimum 94% finer than 200 mesh (74 microns). Size 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.

a wholly-owned subsidiary of AMCOL International Corporation

