# **VOLCLAY® CG-50** GRANULAR SODIUM BENTONITE

# DESCRIPTION

VOLCLAY<sup>®</sup> CG-50 is a natural, granular, high-swelling Wyoming sodium bentonite recommended for slurry wall applications.

### **RECOMMENDED USE**

 $\rm VOLCAY^{\circledast}$  CG-50 can be used to seal earthern structures, general sealing, and slurry wall construction.

# **COMPOSITION**

Sodium bentonite is a hydrous silicate of alumina primarily consisting of the clay mineral montmorillonite, which swells several times its own volume when, wetted.

### **FREE SWELL**

24 ml/2g minimum (ACC 1010).

### **MOISTURE CONTENT**

12 percent maximum as shipped.

# PARTICLE SIZING

5 percent max. retained on a #10 mesh (2.00 mm) sieve 15 percent max. passing a #200 mesh (75 mm) sieve (ASTM D422).

# **DRY BULK DENSITY**

 $65 \text{ lbs/ft}^3$  (1,040 kg/m<sup>3</sup>) typical.

## FILTRATE LOSS

18 ml maximum (API 13A).

# PACKAGING

50 lb (22.7 kg) bag, 48 per pallet, 1 ton or 2 ton supersacks, or bulk. All pallets are plastic-wrapped.



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