

# VOLCLAY® CG-50

## GRANULAR SODIUM BENTONITE

### DESCRIPTION

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

### RECOMMENDED USE

VOLCLAY® CG-50 can be used to seal earthen 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 lbs/ft<sup>3</sup> (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.

