

GRANULAR SEAL

GRANULAR SODIUM BENTONITE

DESCRIPTION

Granular Seal is a high swelling, chemically unaltered, uniformly sized (8 mesh) granular sodium bentonite which contains no additives. When **Granular Seal** comes into contact with water, it forms a semi solid, gel-like mass which fills formation voids and limits water movement within the hole. This semi solid mass also prevents surface water from following the bore hole to subsurface water supplies.

APPLICATION

Granular Seal offers an economical way to accomplish bentonite grouting. It provides a high concentration of solids for hole abandonment and sealing casing. **Granular Seal** can be poured dry or used as a mixed grout for tremie placement.

PACKAGING

Available in 50 lb polyethylene bags and 3,000 lb bulk bags.

SIEVE ANALYSIS: -8, +20

PERMEABILITY: 1.9 X 10⁻⁹ cm/sec

pH: 7.5 – 8.6

CHEMICAL ANALYSIS				X-RAY ANALYSIS			
SiO ₂		66.60	%	Montmorillonite		85	%
Al ₂ O ₃		17.60	%	Quartz		5	%
Fe ₂ O ₃		3.67	%	Feldspars		5	%
CaO		0.57	%	Cristobalite		2	%
MgO		1.80	%	Illite		2	%
Na ₂ O		2.50	%	Calcium & Gypsum		1	%
K ₂ O		0.31	%				
Bound Water		6.51	%				
Moisture at 20°F		0.14	%				

