



TECH DATA SHEET

PRODUCT DESCRIPTION:

SAND GRENADE is a high-performance xanthan biopolymer used to impart low end, shear thinning, and suspension properties in drilling fluids.

SAND GRENADE is used as a clay substitute to impart thixotropic properties by maintaining optimum suspension and carrying capacity in drilling fluids without increasing solids loading.

It is the polymer of choice for increasing viscosity in extended-reach and horizontal crossings, especially those crossings involving low annular velocities.

APPLICATIONS AND USE:

For increased viscosity, add 1 – 2 (2lb bags) of **SAND GRENADE** per 500 bbl of mud. Add in 1 bag increments if additional viscosity is needed.

PRODUCT ADVANTAGES:

- High performance suspension properties
- Industry leading carrying capacity
- Will not increase solids loading

PHYSICAL PROPERTIES:

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|------------------|-----------------------|
| Appearance: | liquid |
| Specific Gravity | 1.5 |
| Bulk Density | 50 lb/ft ³ |

PACKAGING:

SAND GRENADE is packaged in the following:

- 1/2 gallon jugs
- 5 gallon pails
- 275 gallon tote