

BARAZAN® D

Viscosifier

Product Data Sheet

Product Description

BARAZAN® D viscosifier is a powdered Xanthan gum polymer used to viscosify fresh water, seawater and monovalent brines. BARAZAN D viscosifier is treated with a dispersant to help improve mixing and promote the yield of the product with reduced amounts of shear as compared to BARAZAN® viscosifier. BARAZAN D viscosifier can provide excellent suspension and sheer thinning properties and be used up to 250°F (121°C).

Applications / Functions

- Viscosify fresh water and brine-based fluids used for drilling, milling, underreaming, and gravel packing operations
- Suspend bridging agents and weighting materials in fresh water and brine systems

Advantages

- Helps disperses easily in fresh water muds, and brines
- Helps provide thixotropic properties and non-Newtonian flow characteristics over a wide salinity range at low concentrations
- Helps provide excellent suspension without the need for clays
- Stable to 250°F (121°C)
- Helps minimizes the potential for formation damage

Typical Properties

- | | |
|-----------------------------|------------------------|
| • Appearance | Yellow to white powder |
| • pH, (1% aqueous solution) | 6.3 |
| • Specific gravity | 1.6 |

Recommended Treatment

Mix 0.1-2 lb/bbl of BARAZAN D viscosifier (0.3-5.7 kg/m³), as needed to obtain the desired viscosity and suspension characteristics.

Packaging

BARAZAN D viscosifier is packaged in 25-lb (11.3-kg), 50-lb (22.7-kg), and 55.1-lb (25-kg) sacks.

www.halliburton.com/baroid

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