

BARAZAN® D™

VISCOSIFIER/SUSPENSION AGENT

Product Description

BARAZAN® D™ viscosifier/suspension agent is a powdered Xanthan gum polymer used to viscosify fresh water, seawater and monovalent brines. BARAZAN D viscosifier/suspension agent 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/suspension agent. BARAZAN D viscosifier/suspension agent 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, under-reaming, and gravel packing operations
- » Suspend bridging agents and weighting materials in fresh water and brine systems

Advantages

- » 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 minimize 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/suspension agent (0.3-5.7 kg/m³), as needed to obtain the desired viscosity and suspension characteristics.

Packaging

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

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