



TECH DATA SHEET

PRODUCT DESCRIPTION: **POLY-FORCE 2000** polymer is a multi-functional synthetic copolymer developed for use in freshwater-, potassium- and saltwater-base drilling fluids. **POLY-FORCE 2000** water-free dispersion has excellent freeze/thaw stability and is not subject to phase separation or premature activation inside the pail or drum. **POLY-FORCE 2000** copolymer provides the same benefits as regular **POLY-FORCE** polymer, but at lower concentration.

APPLICATIONS AND USE:

- **Viscosity:** Add 1–3 vis cups (1–3 L) per 300 gal (1,135 L) of fluid for desired viscosity.
- **Shale Inhibition:** At least 1 vis cup (1 L) per 300 gal (1,135 L) of fluid.
- **Fluid-Loss Control:** At least 2 vis cups (2 L) per 300 gal (1,135 L) of fluid to be effective. Some solids can be required.
- **Lubricity:** At least 1 vis cup (1 L) per 300 gal (1,135 L) of fluid.
- **Foam Stabilization:** 1 to 2 vis cups (1–2 L) per 100 gal (378 L) of fluid.

PRODUCT ADVANTAGES:

- 50% active material
- Low dosage rate for comparable viscosities
- Encapsulates drill solids
- Stabilizes clay formations

PHYSICAL PROPERTIES:

Appearance:	White liquid dispersion
Specific Gravity:	1.06 – 1.08
pH:	6.5 - 7.5

PACKAGING:

POLY-FORCE 2000 is available in 5 gal. pails



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