



TECH DATA SHEET

PRODUCT DESCRIPTION: **POLY-FORCE EHV** acrylic copolymer is an extremely high-molecular-weight, high-charge, polyacrylamide supplied as a dry granular powder. **POLY-FORCE EHV** acrylic copolymer produces very high viscosity solutions at low dosage rates, particularly in freshwater. It has excellent handling characteristics, mixes easily, and dissolves quickly when added to water- base fluid systems.

APPLICATIONS AND USE: Add slowly and uniformly through a high-shear jet-type mixer. Continue to circulate and agitate the slurry until all materials are dispersed and dissolved.

Normal consolidated formation:

1.5 to 2.0 lb (0.7 to 0.9 kg) per 100 gal (378.5 L) water (0.6 to 0.8 lb/bbl)

Unconsolidated formation:

2.5 to 3.5 lb (1.1 to 1.6 kg) per 100 gal (378.5 L) water (1.0 to 1.5 lb/bbl)

PRODUCT ADVANTAGES:

- Provides a clay - free boring fluid that disperses easily with minimal shear
- Produces very - high - viscosity slurries at low dosage rates
- Slurries typically have low gel strength
- Slurry binds loose sand, clay, shale, and gravel, facilitating their removal and preventing dispersal into the slurry

PHYSICAL PROPERTIES:

Appearance:	White granular powder
Density:	0.8 g/cc
pH:	6.0 - 8.0

PACKAGING:

POLY-FORCE EHV is available in 5 gal. pails



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