



PRODUCT DATA SHEET

ECOPOL-400

High Performance Hydroxypropyl Guar

DESCRIPTION

ECOPOL-400 is a dispersible, high performance HPG polymer. The high quality and high purity of this product means that both lower polymer loadings can be achieved and fewer impurities are deposited downhole, both resulting in cleaner, higher permeability wells.

PRODUCT FEATURES:

- **Builds high viscosity quickly**
- **Extra dispersibility for dry on-the-fly mixing without fisheyes**
- **No slurry or base oil needed, lowering costs**
- **Provides greater flexibility with chemical activators**
- **Cleaner polymer for less downhole residue resulting in greater permeability and more efficient production**
- **Generates very high activation viscosities so that less polymer can be used on the job and cleanup is improved**
- **Ultra high regained permeability achieved when used with Economy Polymers' line of stimulation chemicals**

PROPERTIES

Item	Specifications
Appearance	Light beige color powder
Particle size (Tyler Mesh)	100% through 100mesh
Moisture, wt. %	6.0 - 10.0
Ash, wt. %	1.0 - 3.0
pH of 1.0% solution	9.0 - 11.0
Heavy Metals	<200 ppm total
Viscosity, 1% solution	6000 – 7000cps (Brookfield RVDV)



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ECOPOL-400

FANN 35 Viscosity, 40ppt gel, 2% KCl water, 1 Minute hydration, pH = 6.5, R1B1, 511s⁻¹

3 Minutes	26₊₂ cps
5 Minutes	30₊₂ cps
30 Minutes	34₊₂ cps
60 Minutes	36₊₂ cps

Note: To hydrate this product, the pH must be lowered from 4.0-6.5. A self hydrating product, Ecopol-400DS is also available.

Please read and understand the Material Safety Data Sheet (MSDS) before using this product.

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