



# PRODUCT DATA SHEET

## ECOPOL-18Y2

Ecopol-18Y2 is a high quality Carboxymethyl hydroxypropyl guar (CMHPG). Ecopol-18Y2 is very effective at high temperatures where other polymers would require much higher polymer loadings. Ecopol-18Y2 is manufactured from the highest quality raw materials to deliver the highest quality consistently.

### PRODUCT FEATURES:

- **Ultra fast hydration rate for on-the-fly mixing**
- **Cleaner polymer for less downhole residue resulting in greater permeability and more efficient production**
- **Generates very high activation viscosities at high temperatures where other polymers would be less efficient**
- **Higher regained permeability achieved when used with Economy Polymers' line of stimulation chemicals**
- **Can be sold in a slurry form in various base oils including mineral oils or synthetic oils.**

### PROPERTIES

Appearance	Light yellow color powder
Particle size (Tyler Mesh)	100% through 100mesh
Moisture, wt. %	6.0 - 10.0
pH of 1.0% solution	8.5 - 10.5
Viscosity, 1% solution	3000 – 4500cps (Brookfield RVDV)

### FANN 35 Viscosity, 40ppt gel, pH=5.5, 1 Minute hydration, R1B1, 300rpm

<b>3 Minutes</b>	<b>30<math>\pm</math>1 cps</b>	<b>30 Minutes</b>	<b>36<math>\pm</math>1 cps</b>
<b>5 Minutes</b>	<b>33<math>\pm</math>1 cps</b>	<b>60 Minutes</b>	<b>38<math>\pm</math>1 cps</b>

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

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer any warranty against patent infringement.



P.O. Box 450246  
Houston, TX 77245-0246  
USA Toll free: (800) 231-2066  
Phone: (713) 723-8416  
Fax: (713) 723-1845  
URL: [www.EconomyPolymers.com](http://www.EconomyPolymers.com)  
E-mail: [economy@economypolymers.com](mailto:economy@economypolymers.com)