



# PRODUCT DATA SHEET

## ECONO-XCD

### XANTHAN GUM BASED RHEOLOGY MODIFIER FOR OILFIELD APPLICATIONS

#### DESCRIPTION

Fluids formulated with ECONO-XCD exhibit rheological properties that are useful in a wide variety of oil & gas well environments. ECONO-XCD fluids are very durable under high shear conditions, can tolerate a very wide pH range, have a tolerance for electrolytes, and can withstand temperatures up to 300°F. Because ECONO-XCD fluids have the ability to develop high viscosities at low shear rates and a low apparent viscosity at high shear rates, it is very effective in drilling, workover, completion, spotting, spacer, pigging, and milling fluids.

#### RHEOLOGY, 0.28% IN SEAWATER, FANN-35 DIAL READING

Fann-35 at 600rpm	≥75
Fann-35 at 300rpm	≥55
Fann-35 at 200rpm	≥45
Fann-35 at 100rpm	≥35
Fann-35 at 6rpm	≥18
Fann-35 at 3rpm	≥16
Loss on Drying	≤15
Particle Size thru 42 Mesh	≥92%

#### APPLICATION

Typically, ECONO-XCD is used at a concentration of 20ppt to 50ppt for use as a drilling, workover, or completion fluid. At these concentrations, ECONO-XCD fluids exhibit rheological properties that allow for suspension of solids under very low shear rates, but lower viscosities at high shear rates for ease of application.

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)