



## PRODUCT DATA

### ECOPOL-C400

### Guar Polymer for the Carpet & Textile Industry

#### DESCRIPTION

**ECOPOL-C400** is a chemically modified guar which provides excellent benefits for the carpet & textile industry. **ECOPOL-C400** has a good affinity for cellulose fibers because it is similar in configuration to cellulose. **ECOPOL-C400** is an excellent product for color dispersion, sizing and dust control because of its moderate molecular weight.

#### TYPICAL PROPERTIES

Appearance	Yellow, Free-flowing Powder
Dispersibility @ 25°C	Excellent
Viscosity, 1% aqueous sol.	3500-4500cps
Brookfield RVT, 20rpm, 25°C	
Moisture, %	6-10
pH, 1% Solution, 60 minutes	5-7

#### SOLUTION PREPARATION

**ECOPOL-C400** is easily dispersible and can be incorporated into water without the use of an eductor. Make a 0.5-1.0% concentration solution by dispersing the powder into a container of cold water with good agitation. Make sure the pH of solution is about 6.0; otherwise, adjust it with citric acid. Allow the solution to mix for about 20 minutes. Dilute this solution according to your needs before incorporating into the final formulation.

#### STORAGE

Store in a dry place and keep the container sealed when not in use to prevent the product from absorbing moisture. Material is slippery when wet. Avoid breathing dust, contact with eyes and skin may be irritating.

#### SAFETY

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