



PRODUCT DATA

ECOPOL- 518P (Base for BENAQUA-1000) Guar Polymer for the PAINT Industry

DESCRIPTION

ECOPOL-518P is a chemically modified guar designed for use as a thickening agent in aqueous emulsion paint systems. It is a high efficiency product and a cost effective alternative to high viscosity grade Hydroxyethyl Cellulose. **ECOPOL-518P** provides for thixotropic, shear-thinning viscosity over a broad pH range and will not interfere with color development.

TYPICAL PROPERTIES

Appearance	Yellow Powder
Dispersibility @ 25°C	Excellent
Viscosity, 2% aqueous sol.	18,000-25,000cps
Brookfield RVT, 20rpm, 25°C	
Moisture, %	6-12
pH, 1% Solution, 10 minutes	9.0-11.0

SOLUTION PREPARATION

ECOPOL-518P is easily dispersible and can be incorporated into water without the use of an eductor. Make a 1.0-2.0% concentration solution by dispersing the powder into a container of cold water with good agitation. Adjust the pH with glacial acetic acid to about 5-6. Full Viscosity will develop in about two hours.

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.