

POLIVA THICK

POLIVA Thick → acid-containing, cross linked acrylic emulsion copolymer.

When the emulsion is diluted with water and neutralized with a base, each emulsion particle swells greatly, the emulsion clarifies under these conditions and becomes highly viscous.

Once neutralized, solutions of **POLIVA Thick** cannot be reverted to emulsion form as a reduction in pH will precipitate the polymer.

Handling is greatly simplified compared to that necessary with powdered natural or synthetic gums . It is possible in specific cases to incorporate **POLIVA Thick** into a latex emulsion or other suspension without pre- neutralization as first determined on a laboratory basis.

TYPICAL PROPERTIES

pH, when packed	2 - 3.5
Viscosity, as supplied	4,0 cps
Specific gravity, as supplied	1,054 at 25°C
Appearance	milky liquid
Colloidal charge	anionic

POLVA Thick is a stable emulsion, resisting mechanical shear in high-speed mixing equipment. Freezing or addition of soluble iron , copper or other frozen multivalent actions to the emulsion may cause precipitation of polymer solids.

Shelf life: *not less than 1 year from production date*

Packaging: *125 or 150 PE plastic drums*

Please stir well before use