

POLINORD S - 700

TECHNICAL DATA SHEET

DESCRIPTION: POLINORD S-700 is an ammonium salt of polyacrylic acid in aqueous solution. It is a colourless to dark yellow liquid.

PROPERTIES	VALUE
Dry matter content (DIN 53189)/ %	25 ± 2
pH value	6,0 – 6,5
Viscosity according to Brookfield (ISO 2555) spindle 2, 50 rpm, 23°C/ mPas	100 – 500

APPLICATION: POLINORD S-700 is used as a dispersant, wetting agent and a stabilizer of suspensions of pigments and filler during the elaboration of emulsion paints and in the process of manufacturing stable suspensions of micronized minerals and other solid materials in water and water systems.

TREATMENT: The manufacturing of emulsion paints and some emulsion glues begins with preparation of a suspension of fillers and pigments in water and ends with addition of the polymer emulsion. Due to a very good capability of dispersal of fillers and pigments, only a very small quantity of POLINORD S-700 is necessary to achieve a good water mixture of fillers and pigments. This kind of mixing is usually done in a suitable agitator with a great number of revolutions, e.g., in a dissolver. The quantity of used POLINORD S-700 depends on the type of built-in pigments and fillers. The efficiency of POLINORD S-700 can be supported with addition of water soluble polyphosphate.

STORAGE: It is advisable that, prior to processing, it is stored at temperatures as even as possible, ranging from 5 to 30°C, for a period not longer than six months. The emulsion should be stored in an area protected from freezing and direct heat.

SHELF LIFE: 6 months in the advised conditions.

PACKAGING: PE 125 kg drums, PE 1000 kg containers or in 20000 kg road tankers.

REMARK: The information in this material is based on our previous knowledge and experience and gives general instructions about our product and its application. Each user of our product must responsibly examine its usability for its specific purpose.