

SN-T9722 Polyurethane associated thickener

SN-T9722 is a non-ionic polyurethane thickener that provides excellent shear thickening efficiency, excellent leveling properties, ultra-low odor, organotin, solvent and APEO free, and almost no impact on water resistance and salt spray resistance of the paint film.

Description SN-T9722 is a non-ionic polyurethane thickener, which can form micelles in the aqueous phase, so that the hydrophobic end is adsorbed together with the hydrophobic structures such as latex particles and surfactants to form a three-dimensional network structure, which increases the viscosity of the system. Can effectively improve the thickening efficiency under high shear action, provide excellent leveling, ultra-low odor, free of organotin, solvent and APEO. Compared with other water-based thickeners, the comprehensive performance is extremely excellent, and it has almost no effect on the water resistance and salt spray resistance of the paint film. This product is a non-hazardous chemical.

Data Composition: Associated polyurethane
 Appearance: Transparent to light milky liquid
 Active content: 20%
 Solvent: Water

- Properties**
- Excellent high shear thickening efficiency, providing excellent leveling performance.
 - Resistance to biodegradation, excellent splash resistance, high fullness of the film, uniform film, does not affect the luster of the film.
 - No organic tin, no organic solvent, no APEO and other harmful ingredients, ultra-low odor, a wide range of pH use.
 - It has little effect on the film's resistance, such as water resistance and salt spray resistance.
 - The thickening efficiency is affected by many factors such as emulsion, PVC, volume solid content, etc.
 - PUR thickeners are sensitive to surfactants/alcohol solvents/dispersants, etc., which may affect the thickening efficiency.

Suitable system It is suitable for water-based coatings such as water emulsion type and water dispersion type, including water-based latex paint, wood paint and other industrial paints.

Dosage It is recommended to use after opening with water or co-solvent, and the general addition amount is 0.05~1% (for the total formula).

Packaging and storage 60KG/ Barrel or 160KG/ Barrel. The product should be kept in a cool and ventilated place. The shelf life is 12 months from the date of production if it is unopened.

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