

SN-T9709 Polyurethane thickener

SN-T9709 is a non-ionic polyurethane thickener with excellent medium shear thickening efficiency, excellent leveling performance and anti-hanging performance, and good color paste stability. It is an efficient product of SN-T9708.

Description

SN-T9709 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. Excellent medium shear thickening efficiency, providing excellent leveling performance and anti-flow performance, good color paste stability. Compared with other water-based thickeners, the comprehensive performance is extremely excellent, and the influence on water resistance and salt spray resistance of the film is also relatively small.

Data

Composition: Associated polyurethane
 Appearance: Transparent to light milky liquid
 Active content: 20%
 Solvent: Water, diethylene glycol butyl ether

Properties

- SN-T9709 has the advantages of biodegradation resistance, excellent spatter resistance, high fullness of the film, uniform film, and no influence on the luster of the film.
- SN-T9709 has a wide range of pH applications.
- SN-T9709 has little effect on the resistance of paint film, such as water resistance and salt spray resistance.
- The thickening efficiency of SN-T9709 is affected by many factors such as emulsion, PVC and volume solid content.
- 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

The general addition amount is 0.05~1% (for the total formula), it is recommended to use after opening with water or auxiliary solvent.

Packaging and storage

60 KG/Barrel or 160 KG/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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