XYZTU / TECHNICAL DATA SHEET

TT-40

Associative Polymeric Thickener

English translation of the Chinese technical data sheet

Product description

TT-40 is an associative polymeric thickener that can be evaluated as an alternative to hydroxyethyl cellulose in coatings. The source reports high thickening efficiency and potential cost reduction.

Typical properties

Chemical composition	High-molecular-weight polymer
Appearance	Pale-yellow to milky-white viscous liquid
Solids content	Greater than 60%
pH	5.5-7.0

Features and applications

Rapid thickening over a broad application pH range without pH adjustment. Suitable for adhesives and coatings, with good compatibility with water-based additives. Can help reduce phase separation and suppress bubbles. The source states that no formaldehyde or APEO is added.

Dosage and use

Add during the high-speed mixing stage when evaluating replacement of hydroxyethyl cellulose. The source recommends 0.1-0.7%, with the actual level established by formulation trials. The percentage calculation basis is not stated and must be confirmed before use.

Packaging and storage

130 kg plastic drums. Shelf life is 12 months at ambient temperature.

Points to confirm - supplementary clarification

The product pH of 5.5-7.0 is not a defined operating range for every formulation. The source does not specify numerical application-pH limits, mixing speed/time or dosage calculation basis. Confirm these for the intended system.

Document basis and safety information

Translation prepared 25 October 2026 from the Chinese TDS supplied on xyztu.com. The original has no issue or revision date; the translation date is not an original revision date. Source claims are not independent test results.

Original Chinese TDS. This is not a Safety Data Sheet. Request the current SDS and technical clarification through XYZTU technical support.