

SAIA POLYMER LATEX / 三佳聚合乳胶

Technical Data Sheet (TDS)

EP-1135

High-Efficiency Thickener (Modified Acrylic Emulsion Grade)

Product Description

Model EP-1135 acts as a highly advanced hydrophobically modified acrylic thickener modifier developed to deliver superior thickening dynamics. The unique polymer rheological characteristics resemble a rich buttery paste composition, driving exceptionally high viscosity thresholds and non-sag tracking properties to lock and maintain precise structural shapes securely. It offers widespread application versatility across premium water-based coating formulation systems.

Product Features

- Advanced rheological behavior perfectly resembling a buttery paste consistency.
- Superior high viscosity properties combined with non-sagging capabilities to retain fine structural shape profiles.

Physical Properties*

Properties	Value	Unit	Test Method / Conditions
Appearance	Milky white liquid matrix	—	Visual inspection
Solid Content	35 ± 1	wt%	GB/T 20623-2006
pH Index	3.0 - 4.0	—	GB/T 20623-2006

Viscosity Profile	< 100	CPS	Brookfield DV-S, 2# spindle, 30rpm, 25°C
Consistency Index	100 - 120	KU	Tested inside 4% aqueous dispersion at pH = 7.5

*Note: *The physical tracking details compiled above correspond strictly to standard typical research laboratory results and are not intended as rigid commercial specs. For official batch compliance metrics, please consult the formal Certificate of Analysis (COA).*

Storage

This compound must be stored in a cool, dark, and dry space away from direct exposure to light. Ambient room temperature parameters should remain securely within the range of 5°C to 35°C, keeping all original containment packaging completely closed and sealed. The official commercial shelf life extends to six months starting from the original manufacturing timeline. Should storage exceed this predefined window, performing a holistic product verification is highly recommended prior to application. Once unsealed, passing the raw fluid through a proper filtration mesh before processing is recommended, and all remainder material should be consumed as quickly as possible.

Disclaimer

Shandong Sanjia Polymer Material Co., Ltd. strongly recommends that clients implement storage, structural compounding, and practical application operations safely and rationally based on the detailed chemical data array provided in the corresponding Material Safety Data Sheet (MSDS). While the technical suggestions and empirical values compiled inside this guide document are dependable and true to our finest knowledge, the contents of this technical data sheet are rendered exclusively as reference material. Our corporation offers no warranties, whether express or implied, regarding product attributes, customized field performance, systematic quality profiles, raw spec tracking, standard merchantability, or matching compatibility for any individual specialized purpose.

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