SAJA / SANJIA POLYMER

Technical Data Sheet (TDS)

AES60

Standard Alkali-Swellable Thickener (Pure Acrylic Polymer Emulsion)

Product Description

> Model AES60 is a standard alkali-swellable thickener formulated as a pure acrylic polymer emulsion. It delivers high cost-effectiveness and creates a stable paste or ointment state within formulations. The polymer exhibits exceptional low sensitivity toward surfactant electrolytes present in the system, maintaining high rheological stability combined with highly efficient thickening performance. Additionally, its overall water resistance outperforms most conventional associative alkali-swellable thickeners on the market.

Product Features

- High cost-performance ratio, creates an ointment state, and features low sensitivity toward active surfactant electrolytes inside the compounding matrix.
- Achieves superior structural stability and highly effective thickening control, with water resistance parameters exceeding most comparative associative alkali-swellable products.

Physical Properties*

Properties	Value	Unit	Test Method / Conditions
Appearance	Milky white liquid	—	Visual inspection
Solid Content	Thirty percent (plus or minus one)	wt%	GB/T 20623-2006
	From three point zero up to		

pH Value	four point zero	—	GB/T 20623-2006
Viscosity Profile	Less than one hundred	CPS	Brookfield DV-S, 2# Spindle, 30rpm, 25 degrees Celsius
Consistency Index	From seventy-five up to ninety-five	KU	Measured in four percent Aqueous Solution at pH seven point five

*Note: *The physical indicators recorded above represent typical experimental tracking results only and must not be interpreted as strict commercial product specifications. Please refer directly to the actual Certificate of Analysis (COA) for official specifications.*

Storage Guidelines

This material must be stored in a cool, dry area away from direct sunlight exposure, maintaining temperatures strictly between five and thirty-five degrees Celsius while keeping the original containers completely sealed and intact. The standard effective shelf life is six months from the documented manufacturing date. If the emulsion is stored beyond this period, a thorough performance evaluation is recommended prior to manufacturing application. Once unsealed, it is advised to pass the liquid through an appropriate filter setup before usage, and the remaining product should be consumed as quickly as possible.

Disclaimer

Shandong Sanjia Polymer Material Co., Ltd.