

ZASE 5100

DESCRIPTION

ZASE-5100 is an acid based associative cross-linked acrylic co-polymer emulsion thickener.

ZASE-5100 when diluted in water and neutralized with base, all the particles swells greatly and develops high viscosity gel.

ZASE-5100 is basically a poly-acrylate based thickener, which gives superior performance due to its ability to develop appropriate rheology against similar type of products available in the market. It can give better shelf stability compared to the formulations based on CMC or HEC.

It is always possible to incorporate **ZASE-5100** directly in to the system to be thickened before addition of alkali or it can also be added in the systems, which are under alkaline conditions as post additive to bring them to the necessary consistency.

The thickening would be better at pH 8 ± 0.5 .

The thickened suspension has a very good stability even for high-density fillers at high concentration thus giving improved suspension without flocculation.

FEATURES:

- Use of Specialty Emulsion Polymerization
- Excellent re-emulsification.
- Good Flow & Leveling

BENEFITS:

- Improves rheology characteristics.
- Easy for cleaning screens, application machinery.
- Ensures uniform film properties, exhibits better gloss and clarity.

SPECIFICATIONS

Appearance	Milky White Liquid
Solid Content	$29 \pm 1\%$
Nature	Anionic (Acidic)

APPLICATION

ZASE-5100 imparts higher viscosity compared to acid based emulsion thickeners.

ZASE-5100 works to boost up viscosity of low viscosity emulsions and solutions with minimum consumption.

ZASE-5100 is useful for applications in water based paints, inks & filler dispersions. The longer rheology helps in better transfer characteristics and uniformity of depositions, leading to improved solidity of the print.

Dispersions of high-density pigments adequately thicken with **ZASE-5100** show no sedimentation tendency over longer period of time.

ZASE-5100 is useful for adjustment of viscosity in various emulsion latex compounds.

PACKING : 5 kg HDPE Polycan (20 corrugated box) 35 Kg. HMHDPE Polycan

STORAGE & SHELF LIFE

- Stable for 6 months under normal conditions, if stored in shade at room temperature in a closed container
- Ensure that carboy is closed properly after each usage.

DISCLAIMER

The information & data contained herein are given in good faith but without warranty. We recommend that before using our products, the customer should make his/her own tests to determine the suitability of the products for his/her own purpose under his/her operating conditions. As the circumstances under which our products are stored, handled and used are beyond our control, we cannot assume any responsibility for their use by the customers.