

STA-56 Emulsion

Elastomeric Styrene Acrylic

Technical Data Sheet



Description:

STA-56 Emulsion is an elastomeric styrene acrylic intended for high-performance water resistance. STA-56 Emulsion has high water resistance, alkali resistance, and adhesion.

STA-56 Emulsion was created without the addition of ammonia, Alkyl Phenyl Ethoxylate (APEO) surfactants, formaldehyde, or formaldehyde producers.

STA-56 Emulsion has outstanding cement and powder compatibility while maintaining a solid balance of mechanical qualities. These qualities, combined with an extremely low VOC level, make it easier to develop high-performance products that meet demanding environmental criteria.

Physical Properties

The values listed on this data sheet do not represent specification limitations; rather, they describe typical properties.

Property	Typical Values
Polymer Type	styrene acrylic
Appearance	Opaque, white to off-white liquid
Solids, by weight, %	56.0
pH	5 - 8
Minimum Film Forming Temperature ($\pm 2^{\circ}\text{C}$)	0
Viscosity (Brookfield LV #3, 30 rpm, 25°C), cps	< 1100

Benefits

- Facilitates the formulation of both high tensile strength and elongation products.
- Excellent water resistance and alkali resistance.

- Facilitates the formulation of products with excellent water impermeability and crack bridging performance.
- Excellent stability and workability.

Usable Life and Storage:

It should be kept at a temperature of 0 °C and 40 °C away from direct sunlight.