

Hydrosize® SA-1502
Poly(Styrene Acrylate) Emulsion

Description: Epoxy functionalized poly(styrene-co-acrylate) aqueous emulsion

Attributes

- Solvent free
- Alkylphenol ethoxylate (APE) free
- Hazardous air pollutant (HAP) free
- Good adhesion
- Good color and color stability
- Good shear stability
- Good pH stability
- Crosslinkable

Compatibility

- Styrenics
- ABS
- SAN

Applications

- Fiber reinforcements
- Adhesives
- Coatings
- Textiles
- Non-woven fiber mats
- Continuous strand mats

Typical Properties	
Viscosity (cP)	50 - 1000
Non-Volatiles (%)	48 - 52
pH	4 – 7
Stabilization Mechanism	Nonionic
Particle Size (µm)	< 5
Specific Gravity (g/mL)	1.05 – 1.15
Appearance	White Dispersion
Flash Point (°C)	N/A

Technical Support: Hydrosize® Technologies, Inc. scientists are available to assist with issues involving binders and sizings, their application to fibers, and their influence on composite properties. The test methods are available upon request.

Storage: To ensure maximum stability and properties this dispersion should be stored between 5°C (41°F) and 35°C (95°F). PREVENT FREEZING. The product should be stored indoors in tightly closed containers away from heat sources and sunlight. If frozen, warm to room temperature and mix well before using. All storage areas should conform to local fire and building codes. Hydrosize® SA-1502 should be stored away from all sources of flame or combustion.

Standard Package: Non-returnable, polypropylene or lined fiber drums of 450 lbs. net weight.

Safety: Read and understand the Material Safety Data Sheet before working with this product.

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