

SYLVALITE™ RE 10L Rosin Ester

PRODUCT DATA SHEET

SYLVALITE RE 10L rosin ester is a low softening point ester of tall oil rosin with good stability and mild odor. This liquid tackifier has wide compatibility, allowing it to be used in many adhesive systems, particularly where better wetting or low temperature tack is required.

FEATURES:

- Extra light color
- Low odor
- Excellent stability

POTENTIAL APPLICATIONS:

- Packaging
- PSA tapes & labels
- Bookbinding
- Sealants
- Coatings
- Product assembly
- Wax based products

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Color (Gardner, neat)	AQCM 002	Max. 4	3-
Acid Number (mg KOH/g)	AQCM 001	Max. 15	12
Viscosity, Brookfield (45°C), cps.	AQCM 004	2000 – 4000	2760

*Kraton test methods are available upon request

TYPICAL PROPERTIES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	-30
Viscosity, Brookfield (40°C), cps.	AQCM 004	3984
Viscosity, Brookfield (50°C), cps.		1422
Viscosity, Brookfield (75°C), cps.		205

*Kraton test methods are available upon request

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SOLUBILITY	<p>SYLVALITE RE 10L rosin ester is soluble in:</p> <ul style="list-style-type: none"> - Aromatics and aliphatic hydrocarbon solvents, like hexane and toluene - Esters and ketones, such as ethyl acetate and acetone - Chlorinated solvents - Long chain alcohols, such as butanol and pentanol
COMPATIBILITY	<p>SYLVALITE RE 10L rosin ester is compatible with:</p> <ul style="list-style-type: none"> - Ethylene Vinyl Acetate (EVA) - Ethylene Butyl Acrylate (EBA) - Styrene-Isoprene-Styrene (SIS) - Styrene-Butadiene-Styrene (SBS) - SB rubber - Natural rubber, Butyl rubber, Neoprene - Acrylic polymers - Amorphous polypropylene - Phthalate and polyester plasticizers - Alkyds, hydrocarbon resins and terpene resins
PACKAGING	<p>SYLVALITE RE 10L rosin ester is available as viscous liquid in 55-gallon lined drums, 400 lb. net, or bulk molten material.</p>
STORAGE RECOMMENDATION	<p>To preserve product quality, storage and transit dry and below 30°C / 86°F is recommended. Product stored or transported at higher temperatures should be evaluated for impact on performance before use.</p>

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