

SYLVALITE™ RE 100L Rosin Ester

PRODUCT DATA SHEET

SYLVALITE RE 100L rosin ester is a stabilized pentaerythritol ester of Tall Oil Rosin. SYLVALITE RE 100L exhibits low color and good color stability. This resin is compatible with a broad range of polymers, which enables formulation flexibility in various hot melt and solvent based adhesive applications.

FEATURES:

- Provides good specific adhesion to a variety of substrates
- Light color
- Broad compatibility
- Low volatility at elevated temperatures
- Thermally stable
- SYLVALITE RE 100L rosin ester contains 97% USDA certified biobased content

POTENTIAL APPLICATIONS:

- Packaging
- PSA tapes/labels
- Non-woven
- Flooring
- Woodworking
- Bookbinding
- Product Assembly

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	96 - 102	98
Color, Gardner, neat	AQCM 002	Max. 5	4-
Acid Number (mg KOH/g)	AQCM 001	Max. 15	10

*Kraton test methods are available upon request

TYPICAL PROPERTIES

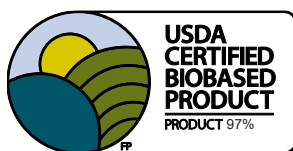
Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	53
Viscosity, Brookfield at 125°C (cps.)	AQCM 004	13530
Viscosity, Brookfield at 150°C (cps.)		1100
Viscosity, Brookfield at 177°C (cps.)		200

*Kraton test methods are available upon request

Contact us:

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<p>SOLUBILITY</p>	<p>SYLVALITE™ RE 100L rosin ester is soluble in:</p> <ul style="list-style-type: none"> - Aromatic and aliphatic hydrocarbon solvents, e.g., hexane and toluene - Esters and ketones, e.g., ethyl acetate and acetone - Long chain alcohols, e.g., butanol and pentanol
<p>COMPATIBILITY</p>	<p>SYLVALITE RE 100L 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 - Acrylic polymers
<p>PACKAGING</p>	<p>SYLVALITE RE 100L rosin ester is available in flaked or pastille form in bags, 50 lb net weight or in bulk bags, 2000 lb net weight. It is also available as bulk molten material.</p>
<p>STORAGE RECOMMENDATION</p>	<p>It is recommended that SYLVALITE RE 100L rosin ester be stored and transported dry and below 30°C / 86°F. To prevent remassing, keep away from direct sun light or other sources of heat. Product stored or transported at higher temperatures should be evaluated for impact on performance before use.</p>



The USDA Certified Biobased Product label is a certification mark of the U.S. Department of Agriculture.

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