



SYLVALITE™ RE 85GB Rosin Ester

PRODUCT DATA SHEET

SYLVALITE RE 85GB rosin ester is an ester of stabilized tall oil rosin. This light-colored product has been formulated to provide excellent heat and aging stability. When compounded in Ethylene Vinyl Acetate (EVA) hot melt adhesives, it provides excellent color stability when compared with other tackifiers of its type.

FEATURES:

- Light color
- Stable
- Low volatility at elevated temperatures
- Consistent performance
- SYLVALITE RE 85GB rosin ester contains 96% USDA certified biobased content

POTENTIAL APPLICATIONS:

- Packaging
- Pressure Sensitive Adhesives (PSA)
- Non-woven
- Flooring
- Sealants
- Coatings

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	83 - 87	85
Color, Gardner, neat	AQCM 002	Max. 5	3.3
Acid Number (mg KOH/g)	AQCM 001	Max. 15	10

*Kraton test methods are available upon request

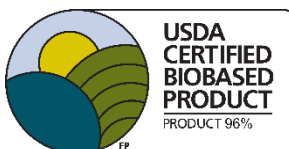
TYPICAL PROPERTIES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	35
Viscosity, Brookfield at 125°C (cps.)	AQCM 004	2700
Viscosity, Brookfield at 150°C (cps.)		325
Viscosity, Brookfield at 177°C (cps.)		80

*Kraton test methods are available upon request

KRATON

<p>SOLUBILITY</p>	<p>SYLVALITE™ RE 85GB rosin ester is soluble in:</p> <ul style="list-style-type: none"> - Aromatics and aliphatic hydrocarbon solvents, e.g., hexane and toluene - Esters and ketones, e.g., ethyl acetate and acetone - Chlorinated solvents - Long chain alcohols, e.g., butanol and pentanol
<p>COMPATIBILITY</p>	<p>SYLVALITE RE 85GB 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 85GB rosin ester is available in flaked form in multi-wall bags, 50 lb. net.</p>
<p>STORAGE RECOMMENDATION</p>	<p>It is recommended that SYLVALITE RE 85GB rosin ester be stored and transported dry and below 20°C / 70°F. To prevent remassing, keep away from direct sunlight or other sources of heat. Product stored or transported at higher temperatures should be evaluated for impact on performance before use. Due to its low Tg, do not stack pallets on top of each other during storage. Mild remassing or compaction of the product that is readily broken apart is not considered a basis for rejection of the flaked product.</p>



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