

## SYLVALITE™ RE 80HP Rosin Ester

### PRODUCT DATA SHEET

SYLVALITE RE 80HP rosin ester is a low odor, light-colored ester of Tall Oil Rosin that has been stabilized to provide excellent performance and aging properties. The stability and polymer compatibility of this tackifier make it useful in a wide variety of adhesives, especially PSAs.

#### FEATURES:

- Light color
- Low odor
- Stable and resistant to UV degradation
- Adhesion to low energy substrates

#### POTENTIAL APPLICATIONS:

- Packaging
- PSA tapes & labels
- Bookbinding
- Sealants
- Coatings

### SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	77 - 83	78
Color (Gardner, neat)	AQCM 002	Max. 5	3+
Acid Number (mg KOH/g)	AQCM 001	Max. 10	6

\*Kraton test methods are available upon request

### TYPICAL PROPERTIES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	30
Viscosity, Brookfield (125°C), cps.	AQCM 004	1470
Viscosity, Brookfield (150°C), cps.		240
Viscosity, Brookfield (170°C), cps.		60

\*Kraton test methods are available upon request

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<b>SOLUBILITY</b>	<p>SYLVALITE RE 80HP rosin ester is soluble in:</p> <ul style="list-style-type: none"> <li>- Aromatic and aliphatic hydrocarbon solvents, like hexane and toluene</li> <li>- Esters and ketones, such as ethyl acetate and acetone</li> <li>- Long chain alcohols, such as butanol and pentanol</li> </ul>
<b>COMPATIBILITY</b>	<p>SYLVALITE RE 80HP rosin ester is compatible with:</p> <ul style="list-style-type: none"> <li>- Ethylene Vinyl Acetate (EVA)</li> <li>- Ethylene Butyl Acrylate (EBA)</li> <li>- Styrene-Isoprene-Styrene (SIS)</li> <li>- Styrene-Butadiene-Styrene (SBS)</li> <li>- SB rubber</li> <li>- Natural rubber, Butyl rubber, Neoprene</li> <li>- Acrylic polymers</li> </ul>
<b>PACKAGING</b>	<p>SYLVALITE RE 80HP rosin ester is available in flaked form in multi-wall bags, 50 lb. net or molten solid in fiber drums, 465 lb. net.</p>
<b>STORAGE RECOMMENDATION</b>	<p>To preserve product quality, cool storage and transit at (&lt;70 °F / 20 °C) is recommended. 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>

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