

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
- SYLVALITE RE 80HP rosin ester contains 92% USDA certified biobased content

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 | 8 |

*Kraton test methods are available upon request

TYPICAL PROPERTIES

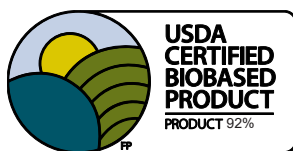
| Property | Test Method* | Typical Value |
|---------------------------------------|--------------|---------------|
| Glass Transition Temperature (°C) | AQCM 218 | 30 |
| Viscosity, Brookfield at 125°C (cps.) | AQCM 004 | 1470 |
| Viscosity, Brookfield at 150°C (cps.) | | 240 |
| Viscosity, Brookfield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

*Kraton test methods are available upon request

Contact us:

Almere (NL): +31 (0)36 54 62 800
 Savannah (US): + 1 (912) 238-6439
 Shanghai (CN): + 86 21 6434 8898
www.kraton.com

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|-------------------------------|--|
| SOLUBILITY | SYLVALITE™ RE 80HP rosin ester is soluble in: <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 |
| COMPATIBILITY | SYLVALITE RE 80HP rosin ester is compatible with: <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 |
| PACKAGING | SYLVALITE RE 80HP rosin ester is available in flaked form in bags, 50 lb net weight or solid form in fiber drums, 385 lb net weight. |
| STORAGE RECOMMENDATION | It is recommended that SYLVALITE RE 80HP 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. |



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

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