

SYLVATAC™ RE 98 Rosin Ester

PRODUCT DATA SHEET

SYLVATAC RE 98 rosin ester is an economical pentaerythritol ester of tall oil rosin. This rosin ester is a broadly compatible tackifier. This is a versatile product for any application that can tolerate a slightly higher formulation color.

FEATURES:

- Economical
- Good Stability
- High bio-based content (93%)

POTENTIAL APPLICATIONS:

- Packaging
- PSA tapes & labels
- Flooring
- Woodworking
- Bookbinding
- Product Assembly

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	92 - 100	95
Color, Gardner, neat	AQCM 002	Max. 8	5+
Acid Number (mg KOH/g)	AQCM 001	Max. 20	16

*Kraton test methods are available upon request

TYPICAL PROPERTIES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	46
Viscosity, Brookfield at 125°C (cps.)	AQCM 004	8650
Viscosity, Brookfield at 150°C (cps.)		810
Viscosity, Brookfield at 177°C (cps.)		150

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SOLUBILITY	SYLVATAC™ RE 98 rosin ester is soluble in: <ul style="list-style-type: none"> - Aromatic and aliphatic hydrocarbon solvents, like hexane and toluene - Esters and ketones, such as ethyl acetate and acetone - Long chain alcohols, such as butanol and pentanol - Chlorinated solvents
COMPATIBILITY	SYLVATAC RE 98 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 - Acrylic polymers
PACKAGING	SYLVATAC RE 98 rosin ester is available in flaked form in multi-wall bags, 50 lb. net or in bulk bags 1000 or 2000 lb. net weight.
STORAGE RECOMMENDATION	Although flaked SYLVATAC RE 98 rosin ester provides good shelf stability, prolonged storage, especially at temperatures higher than ambient, should be avoided due to potential effect on performance. When stored at ambient or lower temperature, this product should remain within stated quality specifications for 9 months. It is recommended that SYLVATAC RE 98 rosin ester be stored and transported dry and below 25°C / 77°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.



The product complies with the requirements described in Certification Scheme "bio-based content" (NCS 16785:2016-11) as confirmed by the certificate VIN-00002 of TÜV AUSTRIA CERT GMBH. Validity of the certificate until 29 November 2024.

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