

SYLVATAC RE 85 rosin ester is a stabilized glycerol ester of Tall Oil Rosin. The thermal stability and polymer compatibility of this resin make it useful in a wide variety of adhesives. The low Tg of SYLVATAC RE 85 rosin ester enables adhesive performance at lower temperatures.

FEATURES:

- 100% bio-based content
- Light color
- Broad compatibility
- Low Tg

POTENTIAL APPLICATIONS:

- Packaging
- PSA tapes & labels
- Flooring
- Rubber compounding
- Freezer-grade packaging

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	80 - 85	83
Color, Gardner, 1:1 toluene	AQCM 002	Max. 3	1.8
Acid Number (mg KOH/g)	AQCM 001	Max. 10	4

*Kraton test methods are available upon request

TYPICAL VALUES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	33
Viscosity, Brookfield at 125°C (mPa·s or cP)	AQCM 004	1438
Viscosity, Brookfield at 150°C (mPa·s or cP)		230
Viscosity, Brookfield at 177°C (mPa·s or cP)		62

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SOLUBILITY	SYLVATAC™ RE 85 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
COMPATIBILITY	SYLVATAC RE 85 rosin ester is compatible: <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 85 rosin ester is available in pastille form in 25 kg bags.
STORAGE RECOMMENDATION	It is recommended that SYLVATAC RE 85 rosin ester be stored and transported dry and below 20°C / 70°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. 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 product.



PRODUCT
VIN-00003

The product complies with the requirements described in Certification Scheme "bio-based content" (NCS 16785:2016-11) as confirmed by the certificate VIN-00003 of TÜV AUSTRIA CERT GMBH. Validity of the certificate until 29 November 2024.

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