

SYLVATAC™ RE 103 Rosin Ester

PRODUCT DATA SHEET

SYLVATAC RE 103 rosin ester tackifier provides broad polymer compatibility and excellent adhesive performance. This rosin ester can improve the functional performance and value-in-use of woodworking, packaging and pressure sensitive adhesives.

FEATURES:

- Broad compatibility
- SYLVATAC RE 103 rosin ester contains 97% USDA certified biobased content

POTENTIAL APPLICATIONS:

- Woodworking
- Packaging
- Pressure Sensitive Adhesives

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	100 – 106	102
Color, Gardner, 1:1 toluene	AQCM 002	Max. 5	3.6
Acid Number (mg KOH/g)	AQCM 001	Max. 10	6

*Kraton test methods are available upon request

TYPICAL VALUES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	52
Viscosity, Brookfield at 125°C (mPa·s or cP)	AQCM 004	15860
Viscosity, Brookfield at 150°C (mPa·s or cP)		1201
Viscosity, Brookfield at 177°C (mPa·s or cP)		200

*Kraton test methods are available upon request

SOLUBILITY	SYLVATAC™ RE 103 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 103 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 - Acrylics - Paraffin, microcrystalline, FT and polyethylene waxes
PACKAGING	SYLVATAC RE 103 rosin ester is available in pastille form in 25kg and 1000kg bags.
STORAGE RECOMMENDATION	It is recommended that SYLVATAC RE 103 rosin ester be stored and transported dry and below 30°C / 86°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 USDA Certified Biobased Product label is a certification mark of the U.S. Department of Agriculture.

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