

## SYLVATAC™ RE 103S Rosin Ester

### PRODUCT DATA SHEET

SYLVATAC RE 103S 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
- High bio-based content (93%)

#### 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 (125°C), cps.	AQCM 004	15860
Viscosity, Brookfield (150°C), cps.		1201
Viscosity, Brookfield (177°C), cps.		200

\*Kraton test methods are available upon request

<b>SOLUBILITY</b>	<p>SYLVATAC RE 103S 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>SYLVATAC RE 103S 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</li> <li>- Acrylics</li> <li>- Paraffin, microcrystalline, FT and polyethylene waxes</li> </ul>
<b>PACKAGING</b>	<p>SYLVATAC RE 103S rosin ester is available in pastille form in 25kg and 1000kg bags.</p>
<b>STORAGE RECOMMENDATION</b>	<p>It is recommended that SYLVATAC RE 103S 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.</p>



**PRODUCT  
VIN-00002**

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 Vincotte nv. Validity of the certificate from 29 November 2016 until 29 November 2020.

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