

## SYLVATAC™ RE 12 Rosin Ester

### PRODUCT DATA SHEET

SYLVATAC RE 12 liquid rosin ester has broad compatibility with polymer used in flooring and construction applications. With optimized mixture of resins and plasticizers, SYLVATAC RE 12 can be used as a self-emulsifying blend for water-based acrylic polymers.

#### FEATURES:

- Liquid resin
- Broad compatibility
- SYLVATAC RE 12 rosin ester contains 94% USDA certified biobased content

#### POTENTIAL APPLICATIONS:

- Flooring
- PSA tape & label

### SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Color, Gardner, 1:1 in toluene	AQCM 002	Max 5	2.0
Acid Number (mg KOH/g)	AQCM 001	Max 25	12
Viscosity, Brookfield at 60°C (mPa·s)	AQCM 004	Max 1200	844

\*Kraton test methods are available upon request

### TYPICAL VALUES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	-24
Viscosity, Brookfield at 40°C (mPa·s)	AQCM 004	6087
Viscosity, Brookfield at 50°C (mPa·s)		1996
Viscosity, Brookfield t 75°C (mPa·s)		256

\*Kraton test methods are available upon request

<b>SOLUBILITY</b>	SYLVATAC™ RE 12 liquid rosin ester is soluble in: <ul style="list-style-type: none"> <li>- Aromatic and aliphatic hydrocarbon solvents, e.g., hexane and toluene</li> <li>- Esters and ketones e.g., ethyl acetate and acetone</li> <li>- Long chain alcohols e.g., butanol and pentanol</li> </ul>
<b>COMPATIBILITY</b>	SYLVATAC RE 12 liquid rosin ester is compatible with: <ul style="list-style-type: none"> <li>- Ethylene Vinyl Acetate (EVA)</li> <li>- Acrylics</li> <li>- Natural rubber &amp; Synthetic rubber (SIS, SBR and SBS)</li> <li>- Paraffin, microcrystalline, FT and polyethylene waxes</li> </ul>
<b>PACKAGING</b>	SYLVATAC RE 12 liquid rosin ester is available in 195 kg drums.
<b>STORAGE RECOMMENDATION</b>	It is recommended that SYLVATAC RE 12 liquid rosin ester be stored and transported dry and below 30°C / 86°F. 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.

## Disclaimer

We cannot anticipate all circumstances, conditions or applications in which this information, our products, or the products of other suppliers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or for the safety or suitability of our products, either alone or in combination with other products. The user of our products bears the responsibility of determining their suitability for a particular application or formulation, or determining that the products or their use do not infringe any intellectual property. Unless otherwise stated in writing, **WE MAKE NO WARRANTY REGARDING THE INFORMATION PROVIDED HEREIN OR OUR PRODUCT, EITHER EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, SHELF-LIFE OR NON-INFRINGEMENT OF ANY INTELLECTUAL PROPERTY RIGHTS.** The user assumes all responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combination with other products.

\*KRATON, the Kraton logo, and SYLVATAC are either trademarks or registered trademarks of Kraton Corporation, or its subsidiaries or affiliates, in one or more, but not all countries.

©2016-2023 Kraton Corporation

**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](http://www.kraton.com)