

SYLVATAC™ RE 85 Rosin Ester (for Americas Region)

PRODUCT DATA SHEET

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:

- Light color
- Broad compatibility
- Low Tg
- SYLVATAC RE 85 rosin ester contains 100% USDA certified biobased content

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	81
Color, Gardner, neat	AQCM 002	Max. 8	3+
Acid Number (mg KOH/g)	AQCM 001	Max. 13	5

*Kraton test methods are available upon request

TYPICAL VALUES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	30
Viscosity, Brookfield at 125°C (cps.)	AQCM 004	2500
Viscosity, Brookfield at 150°C (cps.)		500
Viscosity, Brookfield at 177°C (cps.)		70

*Kraton test methods are available upon request

SOLUBILITY	<p>SYLVATAC™ RE 85 rosin ester is soluble in:</p> <ul style="list-style-type: none"> - Aromatic and aliphatic hydrocarbon solvents, e.g., hexane and toluene - Esters and ketones, e.g., ethyl acetate and acetone - Long chain alcohols, e.g., butanol and pentanol
COMPATIBILITY	<p>SYLVATAC RE 85 rosin ester is compatible with:</p> <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	<p>SYLVATAC RE 85 rosin ester is available in flaked form in bags, 50 lb net weight.</p>
STORAGE RECOMMENDATION	<p>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 flaked product.</p>



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, EXCEPT AS SET FORTH IN ANY APPLICABLE CONTRACT THAT MAY BE IN PLACE BETWEEN KRATON AND THE CUSTOMER OR, ABSENT SUCH A CONTRACT, KRATON'S TERMS AND CONDITIONS OF SALE. 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 trademarks of Kraton Corporation, or its subsidiaries or affiliates, in one or more, but not all countries.

©2019-2024 Kraton Corporation

Contact us:

Almere (NL): +31 (0)36 54 62 800
 Savannah (US): + 1 (800) 526-5294
 Shanghai (CN): + 86 21 5046 4899
www.kraton.com