

SYLVALITE™ RE 110L Rosin Ester

PRODUCT DATA SHEET

SYLVALITE RE 110L rosin ester is a light-colored, high softening point, pentaerythritol ester of tall oil rosin, which has been formulated to provide excellent heat and aging stability. When compounded in Ethylene Vinyl Acetate (EVA) hot melt adhesives it provides excellent color stability when compared with other tackifiers of its type.

FEATURES:

- Provides good specific adhesion to a variety of substrates
- Low volatility at elevated temperatures
- Light color
- Excellent stability
- SYLVALITE RE 110L rosin ester contains 94% USDA certified biobased content

POTENTIAL APPLICATIONS:

- Packaging
- PSA tapes & labels
- Bookbinding
- Sealants
- Coatings
- Woodworking
- Flooring
- Rubber compounding

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	106 - 112	107
Color, Gardner, neat	AQCM 002	Max. 5+	4-
Acid Number (mg KOH/g)	AQCM 001	Max. 15	11

*Kraton test methods are available upon request

TYPICAL PROPERTIES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	57
Viscosity, Brookfield at 150°C (cps.)	AQCM 004	2984
Viscosity, Brookfield at 177°C (cps.)		381
Viscosity, Brookfield at 190°C (cps.)		182

*Kraton test methods are available upon request

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

SOLUBILITY	SYLVALITE RE 110L rosin ester is soluble in: <ul style="list-style-type: none"> - Aromatics and aliphatic hydrocarbon solvents, like hexane and toluene - Esters and ketones, such as ethyl acetate and acetone - Chlorinated solvents - Long chain alcohols, such as butanol and pentanol
COMPATIBILITY	SYLVALITE RE 110L 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, Butyl rubber, Neoprene - Acrylic polymers
PACKAGING	SYLVALITE RE 110L rosin ester is available in flaked form in multi-wall bags, 50 lb. net.
STORAGE RECOMMENDATION	It is recommended that SYLVALITE RE 110L 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.

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, OR NON-INFRINGEMENT OF ANY INTELLECTUAL PROPERTY. The buyer 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 SYLVALITE are trademarks of Kraton Corporation, or its subsidiaries or affiliates, in one or more, but not all countries.

©2019-2022 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