

SYLVALITE™ RE 88F Rosin Ester

PRODUCT DATA SHEET

SYLVALITE RE 88F rosin ester is a very light and stable glycerol ester with a medium softening point. This resin is compatible with a broad range of polymers, which enables formulation flexibility in various hot melt and solvent based adhesive applications. This rosin ester is especially suitable for pressure sensitive adhesive tapes and labels application. The low Tg of SYLVALITE RE 88F rosin ester provides enhanced performance at lower temperatures.

FEATURES:

- Light color
- Broad compatibility
- Low Tg
- SYLVALITE RE 88F rosin ester contains 100% USDA certified biobased content

POTENTIAL APPLICATIONS:

- Packaging
- PSA tapes & labels
- Flooring

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	85 - 92	88
Color, Gardner, 1:1 toluene	AQCM 002	Max. 3	1.2
Acid Number (mg KOH/g)	AQCM 001	2 - 8	5

*Kraton test methods are available upon request

TYPICAL PROPERTIES

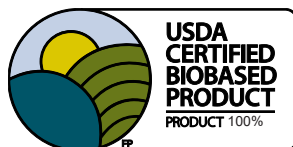
Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	41
Viscosity, Brookfield at 125°C (mPa·s or cP)	AQCM 004	3068
Viscosity, Brookfield at 150°C (mPa·s or cP)		379
Viscosity, Brookfield at 177°C (mPa·s or cP)		85

*Kraton test methods are available upon request

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SOLUBILITY	SYLVALITE™ RE 88F rosin ester is soluble in: <ul style="list-style-type: none"> - Aromatic and aliphatic solvents like hexane & toluene - Esters and ketones like ethyl acetate and acetone - Long chain alcohols like butanol and pentanol
COMPATIBILITY	SYLVALITE RE 88F rosin ester is compatible with: <ul style="list-style-type: none"> - Ethylene Vinyl Acetate (EVA) (18 to 45% VA) - Ethylene Ethyl Acetate (EEA) - Styrene-Isoprene-Styrene (SIS) - Styrene-Butadiene-Styrene (SBS) - SB rubber - Natural rubber - Acrylic polymers
PACKAGING	SYLVALITE RE 88F rosin ester is delivered in pastille form in 25kg bags.
STORAGE RECOMMENDATION	It is recommended that SYLVALITE RE 88F 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 product.



The USDA Certified Biobased Product label is a certification mark of the U.S. Department of Agriculture.

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