

SYLVALITE™ RE 85GB Rosin Ester

PRODUCT DATA SHEET

SYLVALITE RE 85GB rosin ester is an ester of stabilized Tall Oil Rosin. This light colored product 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:

- Light color
- Stable
- Low volatility at elevated temperatures
- Consistent performance

POTENTIAL APPLICATIONS:

- Packaging
- PSA tapes & labels
- Non-woven
- Flooring
- Sealants
- Coatings

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	83 - 87	84
Color (Gardner, neat)	AQCM 002	Max. 5	3-
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	35
Viscosity, Brookfield (125°C), cps.	AQCM 004	2700
Viscosity, Brookfield (150°C), cps.		325
Viscosity, Brookfield (177°C), cps.		80

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SOLUBILITY	<p>SYLVALITE RE 85GB rosin ester is soluble in:</p> <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	<p>SYLVALITE RE 85GB 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>SYLVALITE RE 85GB rosin ester is available in flaked form in multi-wall bags, 50 lb. net.</p>
STORAGE RECOMMENDATION	<p>To preserve product quality, cool storage and transit at (<70 °F / 20 °C) is recommended. To prevent remassing, keep away from direct sunlight 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>

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