

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

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 (150°C), cps.	AQCM 004	2984
Viscosity, Brookfield (177°C), cps.		381
Viscosity, Brookfield (190°C), cps.		182

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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	To preserve product quality, storage and transit dry and below 30°C / 86°F is recommended. To prevent remassing, keep away from direct sun light or other sources of heat. Prolonged storage, especially at temperatures higher than ambient (20 °C / 68 °F), should be avoided due to potential effects on performance.

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