

SYLVATAC™ RE 40 Rosin Ester

PRODUCT DATA SHEET

SYLVATAC RE 40 is a low softening point ester of tall oil rosin with good stability and mild odor. This liquid tackifier has wide compatibility, allowing it to be used in many adhesive systems, particularly where better wetting or low temperature tack is required.

FEATURES:

- Aggressive tack
- Excellent low temperature properties
- Readily emulsifiable for use in water-based systems
- Low solution viscosity
- Low volatility

POTENTIAL APPLICATIONS:

- PSA tape & label
- Packaging
- Hot melt applications
- Flooring
- Construction

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	30 - 40	35
Color (Gardner, neat)	AQCM 002	Max. 10	5
Acid Number (mg KOH/g)	AQCM 001	Max. 16	14

*Kraton test methods are available upon request

TYPICAL VALUES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	-6
Viscosity, Brookfield (50°C), cps.	AQCM 004	41805
Viscosity, Brookfield (75°C), cps.		1814
Viscosity, Brookfield (100°C), cps.		250

*Kraton test methods are available upon request

SOLUBILITY	<p>SYLVATAC RE 40 rosin ester is soluble in:</p> <ul style="list-style-type: none"> - Aromatic and aliphatic hydrocarbon solvents, like hexane and toluene - Esters and ketones like ethyl acetate and acetone - Long chain alcohols like butanol and pentanol - Chlorinated solvents
COMPATIBILITY	<p>SYLVATAC RE 40 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, Butyl rubber, Neoprene - Acrylic polymers
PACKAGING	<p>SYLVATAC RE 40 rosin ester is available in 55-gallon, open-head steel drums, 455 lb. net, or molten bulk.</p>
STORAGE RECOMMENDATION	<p>To preserve product quality, storage and transit dry and below 30°C / 86°F is recommended. Product stored or transported at higher temperatures should be evaluated for impact on performance before use.</p>

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