

SYLVALITE™ 2200 Rosin Ester

PRODUCT DATA SHEET

SYLVALITE 2200 rosin ester is a stabilized pentaerythritol ester of Tall Oil Rosin. SYLVALITE 2200 exhibits low initial color and good color stability. This resin is compatible with a broad range of polymers, which enables formulation flexibility in various hot-melt and solvent based adhesive applications.

FEATURES

- Provides excellent adhesion to a variety of substrates
- Light initial color
- Broad compatibility
- Thermally stable
- SYLVALITE 2200 rosin ester contains 97% USDA certified biobased content

POTENTIAL APPLICATIONS

- Packaging
- PSA (Pressure Sensitive Adhesive) tapes/labels
- Non-wovens
- Flooring
- Woodworking
- Bookbinding

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	96 - 102	98.5
Acid Number (mg KOH/g)	AQCM 001	Max. 15	9
Color, Gardner, Neat	AQCM 002	Max. 3.5	1.4
*Kraton test methods are available upon request			

TYPICAL VALUES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	52
Viscosity, Brookfield at 125°C (cps.)	AQCM 004	14823
Viscosity, Brookfield at 150°C (cps.)		1177
Viscosity, Brookfield at 177°C (cps.)		241
*Kraton test methods are available upon request		

SOLUBILITY	SYLVALITE 2200 rosin ester is soluble in: <ul style="list-style-type: none"> • Aromatic and aliphatic hydrocarbon solvents, like hexane and toluene • Esters and ketones, such as ethyl acetate and acetone • Long chain alcohols, such as butanol and pentanol
COMPATIBILITY	SYLVALITE 2200 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) • Styrene-Butadiene Rubber (SBR) • Natural rubber • Acrylic polymers
PACKAGING	SYLVALITE 2200 rosin ester is available as pastilles in 50 Lb (net weight) bags (22.7 kg). It is also available as bulk molten material.
STORAGE RECOMMENDATION	It is recommended that SYLVALITE 2200 rosin ester be stored and transported dry and below 30°C / 86°F. 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.



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

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