



Product Data Sheet

Revision Date: 02/04

SYLVALITE[®] RE 100L

Light Colored, Stabilized Rosin Ester

SYLVALITE RE 100L RESIN is a light-colored pentaerythritol ester of rosin which has been stabilized to provide excellent heat and aging stability. **SYLVALITE RE 100L RESIN** provides particularly good skinning resistance and color stability in Ethylene Vinyl Acetate (EVA) hot melt adhesives when compared with other products of its type.

SPECIFICATIONS

Softening Point, Ring & Ball, °C	96 - 102
Acid Number	15 Maximum
Color, Solid, Gardner	5 Maximum

TYPICAL PROPERTIES

Color, Solid, Gardner	4+
Color, USDA	XB
Melt Viscosity, Brookfield, cps at 140°C (284°F) at 177°C (350°F) at 200°C (392°F)	4,300 300 100
Pounds per Gallon, 25°C	9.0

Recommended Uses:	SYLVALITE RE 100L RESIN is recommended for use in EVA and other hot melts due to its excellent stability, light color, and low volatility at elevated temperatures. Its excellent polymer compatibility and aging stability suggest use in pressure sensitive adhesives. SYLVALITE RE 100L RESIN can also be used in rubber compounding, sealants, coatings and other applications.
Soluble in:	Aromatic and aliphatic hydrocarbon solvents, esters, ketones and chlorinated solvents. Insoluble in alcohol and water.



Technical Service: Savannah, GA (912) 238-6556
Sales Service: Jacksonville, FL - (800) 733-1374

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Compatible with:	Ethylene Vinyl Acetate (EVA) polymers, at all vinyl acetate levels, Ethylene Ethyl Acrylate, Styrene-Isoprene-Styrene (SIS), Styrene-Butadiene-Styrene (SBS), SBR, natural rubber, butyl rubber, neoprene, acrylic, LMW polyethylene, amorphous polypropylene and other polymers and with phthalate and polyester plasticizers, alkyds, hydrocarbon resins and terpene resins.
FDA Status:	SYLVALITE RE 100L RESIN meets the requirements of the Code of Federal Regulations, Title 21, under the following section: 175.105 Adhesives
DOT Shipping Classification:	Non-hazardous.
Shipping:	Flaked form in multiwall bags, 50 lbs. net or molten bulk.
Storage:	Although flaked SYLVALITE RE 100L RESIN provides excellent shelf stability compared with other flaked resins, prolonged storage should be avoided due to potential effect on performance.



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