



Product Data Sheet

SYLVALITE® RE 110L

Light Colored, Stabilized Rosin Ester

SYLVALITE® RE 110L RESIN is a light-colored, higher softening point, pentaerythritol ester of rosin, which has been stabilized to provide excellent heat and aging stability. It 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	106-112
Acid Number	15 Maximum
Color, Solid, Gardner	5+ Maximum

TYPICAL PROPERTIES*

Softening Point, Ring & Ball, °C	108
Acid Number	13
Color, Solid, Gardner	5
Melt Viscosity, Brookfield, cps	
at 125°C (257°F)	38300
at 150°C (302°F)	2110
at 177°C (350°F)	300
at 190°C (374°F)	150
Pounds per Gallon, 25°C	9.0

Recommended Uses:	SYLVALITE® RE 110L 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. This product 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.

*Arizona Chemical Test Method available on request.



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

The information and statements herein are believed to be reliable, but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE. Nothing herein is to be taken as permission, inducement or recommendation to practice any patented invention without a license.



Product Data Sheet

SYLVALITE® RE 110L

Light Colored, Stabilized Rosin Ester

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:	<p>SYLVALITE® RE 110L RESIN meets the ingredient requirements of the following section of the Code of Federal Regulations, Title 21 when used according to the regulations and any limitations that may apply:</p> <p>175.105 Adhesives</p> <p>175.300 Resinous & Polymeric Coatings</p> <p>176.170(b) Components of Paper & Paperboard in contact with Aqueous & Fatty Foods. Subject to final use extraction limitations of 176.170(c)</p> <p>176.180(b)(1) Components of Paper & Paperboard in contact with Dry Foods [by cross reference to 176.170(b)]. Subject to final use extraction limitations of 176.170(c).</p> <p>176.210 Defoaming Agents Used in Manufacture of Paper & Paperboard</p> <p>177.1210 Closures with Sealing Gaskets for food containers. Use only in resinous and polymeric coatings on metal substrates.</p> <p>177.2600 Rubber Articles Intended for Repeated Use</p>
DOT Shipping Classification:	Non-hazardous.
Shipping:	Flaked form in multi-wall bags, 50 lb. net.
Storage:	Although flaked SYLVALITE® RE 110L RESIN provides excellent shelf stability compared with other flaked resins, prolonged storage should be avoided due to potential effect on performance.

1/05



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

The information and statements herein are believed to be reliable, but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE. Nothing herein is to be taken as permission, inducement or recommendation to practice any patented invention without a license.