



Product Data Sheet

SYLVARES[®] TP 2040LO

Terpene Phenolic Resin

SYLVARES TP 2040LO Resin is a terpene phenolic resin with reduced odor characteristics. This thermoplastic resin is designed for tackifying hot melt adhesives to provide superior adhesion and thermal-stability properties. This product has the same C.A.S. number as the original SYLVARES TP 2040 but is made with a unique process that results in less apparent odor.

SPECIFICATIONS*

Softening Point, Ring & Ball, °C	115 - 121
Color, Solid, Gardner	6 Maximum

TYPICAL PROPERTIES*

Softening Point, Ring & Ball, °C	118
Color, Solid, Gardner	4+
Melt Viscosity, Brookfield, cps at 149°C (300°F) at 177°C (350°F) at 191°C (375°F)	2900 225 90
Mn	540
Polydispersity	1.23
Hydroxyl Number	140
Pounds per Gallon, 25°C	8.5

Recommended Uses:	SYLVARES TP 2040LO is used as a tackifier in packaging hot-melt adhesives and as a co-tackifier.
Soluble in:	SYLVARES TP 2040LO is soluble in aliphatic, aromatic and chlorinated hydrocarbons, esters, terpenes, ethyl ether, and some alcohols. It is insoluble in glycols, ketones and most alcohols.

*Arizona Chemical Test Methods available on request.



Technical Service: Savannah, GA (912) 238-6556

Sales Service: Jacksonville, FL - (800) 733-1374 www.arizonachemical.com

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Compatible with:	This resin is compatible with ethylene-based copolymer resins.
FDA Status:	SYLVARES TP 2040LO 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: 175.105 Adhesives 175.125 Pressure Sensitive Adhesives
DOT Shipping Classification:	Non-hazardous unless transported in bulk at elevated temperatures. Bulk molten material regulated as Class 9, Elevated Temperature Liquid, n.o.s.; DOT Identification Number UN 3257; Packing Group III. Contact your Arizona Chemical Account Manager to discuss options for bulk supply.
Shipping:	Flaked in multi-wall bags, 50 lb. net
Storage:	Store under ambient conditions; minimize exposure to heat during storage.

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