



# Product Data Sheet

Revision Date: 04/04

## SYLVARES<sup>®</sup> TP 96

Terpene Phenolic Resin

**SYLVARES TP 96** is a low softening point terpene phenolic resin with broad polymer compatibility. This thermoplastic resin is designed to tackify hot melt and pressure sensitive adhesives providing improved tack, peel and flexibility for EVA, SIS and acrylic based systems. When formulated as a co-resin this product will significantly improve performance properties of rubber-based adhesives with limited impact on heat resistance.

### PRODUCT PROPERTIES

	<u>Specifications</u>	<u>Typical Analysis</u>
Softening Point <sup>1</sup> (R&B), °C	92 – 98	95
Color, Gardner, Neat <sup>2</sup>	8 max.	6
Glass Transition, T <sub>g</sub> , °C		52
Acid Number		< 1
Average Molecular Weight, M <sub>n</sub>		520
Polydispersity, P <sub>d</sub>		1.3

### FEATURES

Broad Compatibility

Polar Nature

Low Softening Point

### BENEFITS

Expands formulary capabilities because it is compatible with certain SIS systems. Works well as a co-tackifier with other common resins like C5 hydrocarbons and rosin ester.

Improved adhesion to numerous surfaces, including polyolefin, metal and cellulose fiber

Good melt viscosity at low application temperatures (i.e., 250 °F).

### SUGGESTED

### APPLICATIONS

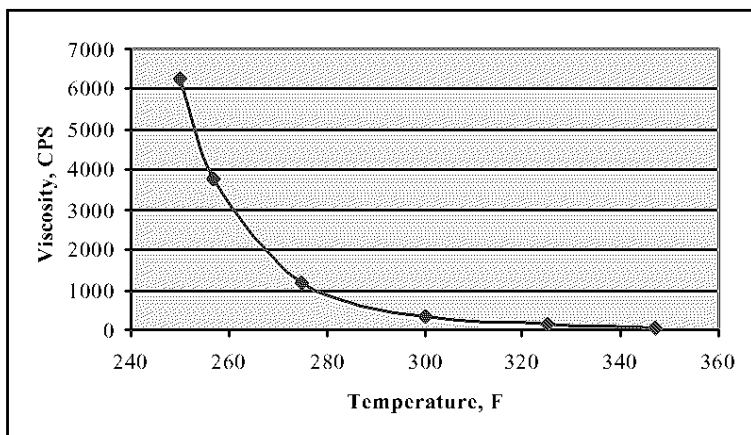
Packaging hot-melt adhesives

Bookbinding hot-melt adhesives

Pressure sensitive adhesives (hot melt and solvent-based)

Acrylic pressure sensitive adhesives

### PRODUCT VISCOSITY



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

---

---

**AVAILABLE FORMS/PACKAGING**

Flaked / multiwall bags; net 50 lbs.

**SHIPPING POINT**

Pensacola, Florida

**SAFETY INFORMATION**

Please refer to Material Safety Data Sheet # 6748

---

---

**Method of Analysis:**

1. Arizona Test Method (correlates to ASTM E 28-67)
  2. Arizona Test Method (correlates to ASTM D 1544-86: Gardner; 1963 Color Disk)
- 
- 

**FOOD AND DRUG ADMINISTRATION COVERAGE**

SYLVARES TP 96 Resin is approved for use under the following sections of Title 21 (Food and Drug) of the Code of Federal Regulations:

175.105 Adhesives

175.125 Pressure-Sensitive Adhesives

---

---



**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.