



# Product Data Sheet

Revision Date: 02/04

## SYLVARES™ TR 1135 Resin (Formerly ZONAREZ® 1135)

**SYLVARES™ TR 1135 Resin** is a high softening point, heat-stable terpene resin. This light colored product provides minimal variations in color, viscosity, and odor when exposed to heat. This neutral resin is resistant to acids, alkalis, salts, and water.

<b>PRODUCT PROPERTIES</b>		
	<u>Specifications</u>	<u>Typical Analysis</u>
Softening Point <sup>1</sup> (R & B), °C	132 - 137	135
Color, Gardner <sup>2</sup> (50% in toluene)	3 max.	3
Chlorine Content <sup>3</sup>	Negative	Negative

### FEATURES

Light Color  
Heat Stable

Broad Compatibility

Good Specific Adhesion

### BENEFITS

- Excellent appearance of final product
- Improved heat resistance of final product
- Can be used with various elastomers, rubbers, waxes, solvents, and other resin types
- Bonds difficult substrates, such as plastics and coated board stock

### SUGGESTED APPLICATIONS:

- Hot melt adhesives, packaging, and product assembly
- Hot melt coatings
- Can sealants
- Investment casting waxes

### AVAILABLE FORM/PACKAGING:

- Flaked, in multiwall bags NET 50 lb

### SHIPPING POINT:

- Pensacola, Florida

### SAFETY INFORMATION:

- Please refer to **Material Safety Data Sheet # 6096**



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

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**METHODS OF ANALYSIS:**

1. ASTM E 28-67
  2. ASTM D 1544-86, 1963 Gardner Color Dish, 50% in toluene
  3. Beilstein Test
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### **FOOD AND DRUG ADMINISTRATION COVERAGE**

**SYLVARES TR 1135 Resin** is approved for use under the following sections of Title 21 (Food and Drug) of the Code of Federal Regulations:

175.105	Adhesives
175.300	Resinous and Polymeric Coatings
176.170	Components of Paper and Paperboard in Contact with Aqueous and Fatty Foods
176.180	Components of Paper and Paperboard in Contact with Dry Food
177.1210	Closures with Sealing Gaskets for Food Containers

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