

## SYLVARES™ TP 2040HM Terpene Phenol

### PRODUCT DATA SHEET

SYLVARES TP 2040HM tackifier is a high softening point thermoplastic terpene phenolic resin designed for tackifying hot melt adhesives to provide superior adhesion and thermal-stability properties.

#### FEATURES

- Thermally stable
- Broad compatibility
- High heat resistance

#### POTENTIAL APPLICATIONS

- Bookbinding
- Packaging
- Assembly

#### SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	122 – 128	126
Color, neat (Gardner)	AQCM 002	Max. 6	4

\*Kraton test methods are available upon request

#### TYPICAL VALUES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	78
Viscosity, Brookfield (150°C), cps.	AQCM 004	7815
Viscosity, Brookfield (177°C), cps.		400
Viscosity, Brookfield (190°C), cps.		145

\*Kraton test methods are available upon request

<b>SOLUBILITY</b>	<p>SYLVARES™ TP 2040HM tackifier is <u>soluble</u> in:</p> <ul style="list-style-type: none"> <li>- aromatic solvents like toluene</li> <li>- esters and ketones like ethylacetate and acetone</li> <li>- alcohols like ethanol, propanol, pentanol, butanol</li> </ul> <p>SYLVARES TP 2040HM tackifier is <u>insoluble</u> in:</p> <ul style="list-style-type: none"> <li>- aliphatic solvents like hexane</li> </ul>
<b>COMPATIBILITY</b>	<p>SYLVARES TP 2040HM tackifier is compatible with:</p> <ul style="list-style-type: none"> <li>- EVA</li> <li>- some acrylics</li> <li>- some polyurethanes</li> </ul>
<b>PACKAGING</b>	<p>SYLVARES TP 2040HM tackifier is delivered as flakes in 50 lb. paper bags.</p>
<b>STORAGE RECOMMENDATION</b>	<p>To preserve product quality, storage and transit dry and below 30°C / 86°F is recommended. To prevent remassing, keep away from direct sun light or other sources of heat. Product stored or transported at higher temperatures should be evaluated for impact on performance before use.</p>

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