

SYLVARES™ TP 2019 Terpene Phenol

PRODUCT DATA SHEET

SYLVARES TP 2019 terpene phenol is a thermoplastic terpene phenolic resin designed for tackifying hot melt adhesives to provide superior adhesion and thermal-stability properties. This resin has a high terpene level, which exhibits excellent tackifying, flexibility, and compatibility properties for use in styrenic-block-co-polymer.

FEATURES

- Thermally stable
- Broad compatibility
- SYLVARES TP 2019 terpene phenol contains 80% USDA certified biobased content

POTENTIAL APPLICATIONS

- Assembly
- Sealants and caulks

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	120 – 126	124
Color, Gardner, neat	AQCM 002	Max.6	4

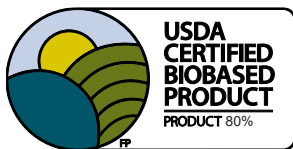
*Kraton test methods are available upon request

TYPICAL VALUES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C).	AQCM 218	74
Viscosity, Brookfield at 150°C (cps.)	AQCM 004	13000
Viscosity, Brookfield at 177°C (cps.)		690
Viscosity, Brookfield at 190°C (cps.)		265

*Kraton test methods are available upon request

<p>SOLUBILITY</p>	<p>SYLVARES™ TP 2019 tackifier is <u>soluble</u> in:</p> <ul style="list-style-type: none"> - aromatic / aliphatic solvents like hexane & toluene - esters and ketones like ethylacetate and acetone - longer chain alcohols like propanol, pentanol, butanol <p>SYLVARES TP 2019 tackifier is <u>insoluble</u> in:</p> <ul style="list-style-type: none"> - smaller alcohols like ethanol
<p>COMPATIBILITY</p>	<p>SYLVARES TP 2019 tackifier is compatible with:</p> <ul style="list-style-type: none"> - many polyolefins - styrenic block copolymers - EVA - some acrylics
<p>PACKAGING</p>	<p>SYLVARES TP 2019 tackifier is delivered as flakes in 50 lb. paper bags.</p>
<p>STORAGE RECOMMENDATION</p>	<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>



The USDA Certified Biobased Product label is a certification mark of the U.S. Department of Agriculture.

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