

SYLVARES™ TR M1115 Polyterpene

PRODUCT DATA SHEET

SYLVARES TR M1115 polyterpene resin is a biorenewable tackifier made from selected terpene monomers. This product can be used to tackify natural rubber, synthetic elastomer, and some polyolefin adhesives. The aliphatic nature of this product allows compatibility with the mid-block of styrene-isoprene-styrene block copolymers while limiting interaction with the styrenic end-blocks providing a balance of tack, peel, cohesive strength, and heat resistance. It has a narrower molecular weight distribution, which improves compatibility with some adhesive elastomers.

FEATURES

- Aliphatic compatibility
- Thermally stable
- Light color

POTENTIAL APPLICATIONS

- PSA Tapes
- PSA Labels
- Non-wovens

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	112 – 118	115
Color, neat (Gardner)	AQCM 002	Max. 3	2

*Kraton test methods are available upon request

TYPICAL VALUES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	60
Viscosity, Brookfield (150°C), cps.	AQCM 004	10130
Viscosity, Brookfield (177°C), cps.		908
Viscosity, Brookfield (190°C), cps.		390

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<p>SOLUBILITY</p>	<p>SYLVARES™ TR M1115 polyterpene resin is <u>soluble</u> in:</p> <ul style="list-style-type: none"> - aromatic / aliphatic solvents like hexane & toluene <p>SYLVARES TR M1115 polyterpene resin is <u>insoluble</u> in:</p> <ul style="list-style-type: none"> - alcohols like ethanol, propanol, butanol - esters and ketones like ethylacetate and acetone
<p>COMPATIBILITY</p>	<p>SYLVARES TR M1115 tackifier is compatible with:</p> <ul style="list-style-type: none"> - many polyolefins - SIS block copolymers
<p>PACKAGING</p>	<p>SYLVARES TR M1115 tackifier is delivered as pastilles in 50 lb. paper bags or 1000 kg big 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>

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