

SYLVARES™ TR B115 Polyterpene

PRODUCT DATA SHEET

SYLVARES TR B115 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.

FEATURES

- Aliphatic compatibility
- Thermally stable

POTENTIAL APPLICATIONS

- PSA Tapes
- Assembly
- Packaging

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	112 – 118	115
Color, neat (Gardner)	AQCM 002	Max. 5	3 +

*Kraton test methods are available upon request

TYPICAL VALUES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	61
Viscosity, Brookfield (150°C), cps.	AQCM 004	11100
Viscosity, Brookfield (177°C), cps.		1140
Viscosity, Brookfield (190°C), cps.		485

*Kraton test methods are available upon request

SOLUBILITY	SYLVARES™ TR B115 polyterpene resin is <u>soluble</u> in: <ul style="list-style-type: none"> - aromatic / aliphatic solvents like hexane & toluene SYLVARES TR B115 polyterpene resin is <u>insoluble</u> in: <ul style="list-style-type: none"> - alcohols like ethanol, propanol, butanol - esters and ketones like ethylacetate and acetone
COMPATIBILITY	SYLVARES TR B115 tackifier is compatible with: <ul style="list-style-type: none"> - natural rubber - most synthetic elastomers - SIS block copolymers
PACKAGING	SYLVARES TR B115 tackifier is delivered as pastilles in 50 lb. paper bags or 1000 kg big bags.
STORAGE RECOMMENDATION	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.

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