

SYLVARES™ TP 96 Terpene Phenol

PRODUCT DATA SHEET

SYLVARES TP 96 resin is a low softening point terpene phenolic resin having broad polymer compatibility. This thermoplastic resin is designed to tackify hot melt and pressure sensitive adhesives providing improved tack, peel and flexibility for EVA, SIS and acrylic based systems. When formulated as a co-resin, this product will significantly improve performance and properties of styrenic block co-polymers based adhesives with limited impact on heat resistance.

FEATURES

- Broad polymer compatibility
- Can be used as co-tackifier SBC systems
- Improved adhesion to difficult substrates

POTENTIAL APPLICATIONS

- PSA Tapes
- Packaging
- Assembly

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	92 – 98	96
Color, neat (Gardner)	AQCM 002	Max. 8	6

*Kraton test methods are available upon request

TYPICAL VALUES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	50
Viscosity, Brookfield (125°C), cps.	AQCM 004	8850
Viscosity, Brookfield (150°C), cps.		455
Viscosity, Brookfield (177°C), cps.		75

*Kraton test methods are available upon request

SOLUBILITY	SYLVARES™ TP 96 tackifier is <u>soluble</u> in: <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 SYLVARES TP 96 tackifier is <u>insoluble</u> in: <ul style="list-style-type: none"> - smaller alcohols like ethanol
COMPATIBILITY	SYLVARES TP 96 tackifier is compatible with: <ul style="list-style-type: none"> - many polyolefins - styrenic block copolymers - EVA - some acrylics
PACKAGING	SYLVARES TP 96 tackifier is delivered as flakes in 50 lb. paper bags.
STORAGE RECOMMENDATION	To preserve product quality, storage and transit dry and below 25°C / 77°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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