

SYLVARES™ TP 7042 Terpene Phenol

PRODUCT DATA SHEET

SYLVARES TP 7042 tackifier is a thermoplastic terpene phenolic resin designed for tackifying hot melt adhesives to provide superior adhesion and thermal-stability properties. This high heat resistance resin has a high terpene level, which exhibits excellent tackifying, flexibility, and compatibility properties for use in styrenic-block-co-polymer.

FEATURES

- High heat resistance
- Broad compatibility
- Thermally stable

POTENTIAL APPLICATIONS

- Assembly
- Sealants and caulks

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	145 – 151	148
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	97
Viscosity, Brookfield (150°C), cps.	AQCM 004	N/A
Viscosity, Brookfield (177°C), cps.		10981
Viscosity, Brookfield (190°C), cps.		2395

*Kraton test methods are available upon request

SOLUBILITY	SYLVARES™ TP 7042 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 7042 tackifier is <u>insoluble</u> in: <ul style="list-style-type: none"> - smaller alcohols like ethanol
COMPATIBILITY	SYLVARES TP 7042 tackifier is compatible with: <ul style="list-style-type: none"> - many polyolefins - Styrenic block copolymers - EVA
PACKAGING	SYLVARES TP 7042 tackifier is delivered as flakes in 50lb. paper 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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