

SYLVARES™ SA 100 AMS Resin

PRODUCT DATA SHEET

SYLVARES SA 100 AMS (alpha methyl styrene) resin is a water white aromatic hydrocarbon resin with superior oxidative stability. This resin may be used to modify styrene end blocks of SBC and in EVA adhesives.

FEATURES:

- Waterwhite color
- Improved strength and heat resistance

POTENTIAL APPLICATIONS:

- Packaging
- Bookbinding
- Woodworking
- PSA Tapes
- Nonwoven

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	95 – 105	100
Color, (Hazen, 1:1 toluene)	AQCM 002	Max. 60	20

*Kraton test methods are available upon request

TYPICAL VALUES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	52
Viscosity, Brookfield (125°C), cps.	AQCM 004	22185
Viscosity, Brookfield (150°C) cps.		1862
Viscosity, Brookfield (177°C) cps.		322

*Kraton test methods are available upon request

SOLUBILITY	<p>SYLVARES SA 100 AMS resin is fully soluble in:</p> <ul style="list-style-type: none"> - aromatic solvents like toluene - esters and ketones like ethylacetate and acetone - insoluble in aliphatic solvent like hexane and in alcohols like ethanol and propanol
COMPATIBILITY	<p>SYLVARES SA 100 AMS resin is compatible with:</p> <ul style="list-style-type: none"> - styrene phase of SBCs - EVAs when blended with other resins like rosin esters or AMS phenolics - paraffin, microcrystalline, FT and polyethylene waxes
PACKAGING	<p>The product is a solid resin supplied as pastilles in 20kg and 500kg paper bags.</p>
STORAGE RECOMMENDATION	<p>To preserve product quality, storage and transit at (< 86°F / 30°C) is recommended. Product stored or transported at higher temperatures may impact performance.</p>

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