

SYLVARES™ SA 120 AMS Resin

PRODUCT DATA SHEET

SYLVARES SA 120 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 in order to improve cohesion and high temperature resistance.

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	115 – 125	117
Color, (Hazen, 1:1 toluene)	AQCM 002	Max. 60	22

*Kraton test methods are available upon request

TYPICAL VALUES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	70
Viscosity, Brookfield (150°C), cps.	AQCM 004	15467
Viscosity, Brookfield (177°C) cps.		1439
Viscosity, Brookfield (190°C) cps.		626

*Kraton test methods are available upon request

SOLUBILITY	<p>SYLVARES SA 120 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 120 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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