

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 as a reinforcing agent in modifying the styrene endblocks of styrenic block-copolymers in order to improve cohesion and high temperature resistance. It can also be used as a tackifier for EVA based hot melt adhesives.

FEATURES:

- waterwhite
- low odor and volatiles
- improving strength and heat resistance

POTENTIAL APPLICATIONS:

- hotmelt adhesives for bookbinding, packaging, woodworking and pressure sensitives
- endblock reinforcing resin for styrenic block-copolymers
- sealants
- modification of thermoplastics

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	115 – 125	120
Color, (Hazen, 1:1 toluene)	AQCM 002	Max. 60	12

*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), mPas or cP	AQCM 004	15467
Viscosity, Brookfield (177°C), mPas or cP		1439
Viscosity, Brookfield (190°C), mPas or cP		626

*Kraton test methods are available upon request

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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 paper bags and 500kg big bags.</p>
STORAGE RECOMMENDATION	<p>Storage and transit at < 86°F / 30°C is recommended. Product stored or transported at higher temperatures should be evaluated for impact on performance before use.</p>

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