



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 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:

- Water white
- Low odor and volatiles
- Improving strength and heat resistance

POTENTIAL APPLICATIONS:

- Pressure Sensitive Adhesives (PSA)
- Bookbinding
- Woodworking
- Packaging
- Sealants
- Thermoplastics
- Polymer Modification

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	95 – 105	101
Color, (Hazen, 1:1 toluene)	AQCM 002	Max. 60	11

*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), mPas or cP.	AQCM 004	22185
Viscosity, Brookfield (150°C), mPas or cP.		1862
Viscosity, Brookfield (177°C), mPas or cP.		322

*Kraton test methods are available upon request



SOLUBILITY	SYLVARES™ SA 100 AMS resin is fully soluble in: <ul style="list-style-type: none">- aromatic solvents, e.g., toluene- esters and ketones, e.g., ethylacetate and acetone- insoluble in aliphatic solvents, e.g., hexane and in alcohols, e.g., ethanol and propanol
COMPATIBILITY	SYLVARES SA 100 AMS resin is compatible with: <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	The product is a solid resin supplied as pastilles in 20kg paper bags and 500kg big bags.
STORAGE RECOMMENDATION	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.