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SYLVARES™ SA 115 AMS Resin

PRODUCT DATA SHEET

SYLVARES SA 115 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	114-120	116
Color, (Hazen, 1:1 toluene)	AQCM 002	Max. 60	10

*Kraton test methods are available upon request

TYPICAL VALUES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	67
Viscosity, Brookfield (150°C), mPas or cP.	AQCM 004	10963
Viscosity, Brookfield (177°C), mPas or cP		1192
Viscosity, Brookfield (190°C), mPas or cP		542

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SOLUBILITY	SYLVARES™ SA 115 AMS resin is fully soluble in: - aromatic solvents, e.g., toluene - esters and ketones, e.g., ethyl acetate and acetone - insoluble in aliphatic solvents, e.g., hexane and in alcohols, e.g., ethanol and propanol
COMPATIBILITY	SYLVARES SA 115 AMS resin is compatible with: - 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 < 77ºF / 25ºC is recommended. Product stored or transported at higher temperatures should be evaluated for impact on performance before use.