KRATON

SYLVARES™ SA 85 AMS Resin

PRODUCT DATA SHEET

SYLVARES SA 85 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	80 – 90	85
Color, (Hazen, 1:1 toluene)	AQCM 002	Max. 60	14

*Kraton test methods are available upon request

TYPICAL VALUES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	39
Viscosity, Brookfield (125°C), mPas or cP.	AQCM 004	2861
Viscosity, Brookfield (150°C), mPas or cP.		423
Viscosity, Brookfield (177°C), mPas or cP.		107

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SOLUBILITY	SYLVARES™ SA 85 AMS resin is fully soluble in: - 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 85 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	Cool storage and transit at < 70ºF / 20ºC is recommended. To help prevent remassing, keep away from direct sunlight or other sources of heat. Product stored or transported at higher temperatures should be evaluated for impact on performance before use.