

SYLVARES™ SA 140 AMS Resin

PRODUCT DATA SHEET

SYLVARES SA 140 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	133 – 143	138
Color, (Hazen, 1:1 toluene)	AQCM 002	Max. 100	15

*Kraton test methods are available upon request

TYPICAL VALUES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	89
Viscosity, Brookfield (177°C), mPas or cP	AQCM 004	13403
Viscosity, Brookfield (190°C), mPas or cP		4334
Viscosity, Brookfield (210°C), mPas or cP		1205

*Kraton test methods are available upon request

SOLUBILITY	SYLVARES SA 140 AMS resin is fully soluble in: <ul style="list-style-type: none"> - aromatic solvents like toluene - esters like ethyl acetate - insoluble in aliphatic solvent like hexane and in alcohols like ethanol and propanol
COMPATIBILITY	SYLVARES SA 140 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.

Disclaimer

We cannot anticipate all circumstances, conditions or applications in which this information, our products, or the products of other suppliers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or for the safety or suitability of our products, either alone or in combination with other products. The user of our products bears the responsibility of determining their suitability for a particular application or formulation, or determining that the products or their use do not infringe any intellectual property. Unless otherwise stated in writing, WE MAKE NO WARRANTY REGARDING THE INFORMATION PROVIDED HEREIN OR OUR PRODUCT, EITHER EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, SHELF-LIFE OR NON-INFRINGEMENT OF ANY INTELLECTUAL PROPERTY RIGHTS. The user assumes all responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combination with other products.

KRATON, the Kraton logo and SYLVARES are either trademarks or registered trademarks of Kraton Corporation, or its subsidiaries or affiliates, in one or more, but not all countries.

©2020 Kraton Corporation

Contact us:

Almere (NL): +31 (0)36 54 62 800
Savannah (US): + 1 (912) 238-6439
Shanghai (CN): + 86 21 6434 8898
www.kraton.com