

## SYLVARES™ 525 AMS Phenolic Resin

### PRODUCT DATA SHEET

SYLVARES 525 AMS (alpha methyl styrene) Phenolic resin is a water white aromatic hydrocarbon resin with good oxidative stability. This product contains a small amount of phenol modification.

#### FEATURES:

- Water white color

#### POTENTIAL APPLICATIONS:

- Packaging
- Bookbinding
- Woodworking

### SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point (°C)	AQCM 003	90-100	94
Color, (Hazen, 1:1 toluene)	AQCM 002	Max. 60	21

\*Kraton test methods are available upon request

### TYPICAL VALUES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	50
Viscosity, Brookfield (125°C), cps.	AQCM 004	8883
Viscosity, Brookfield (150°C) cps.		983
Viscosity, Brookfield (177°C) cps.		207

\*Kraton test methods are available upon request

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<b>SOLUBILITY</b>	<p>SYLVARES 525 AMS Phenolic resin is soluble in:</p> <ul style="list-style-type: none"> <li>- aromatic solvents like toluene</li> <li>- esters and ketones like ethylacetate and acetone</li> <li>- insoluble in aliphatic solvent like hexane and in alcohols like ethanol and propanol</li> </ul>
<b>COMPATIBILITY</b>	<p>SYLVARES 525 AMS Phenolic resin is compatible with:</p> <ul style="list-style-type: none"> <li>- styrene phase of SBCs</li> <li>- EVAs when blended with other resins like rosin esters or AMS phenolics</li> <li>- paraffin, microcrystalline, FT and polyethylene waxes.</li> </ul>
<b>PACKAGING</b>	<p>The product is a solid resin supplied as pastilles in 20kg and 500kg paper bags.</p>
<b>STORAGE RECOMMENDATION</b>	<p>To preserve product quality, storage and transit at (&lt; 86°F / 30 °C) is recommended. Product stored or transported at higher temperatures may impact performance or remass causing handling difficulties.</p>

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