# Technical Data Sheet: SMA® 2000 H Solution

## STYRENE MALEIC ANHYDRIDE COPOLYMER SOLUTION

![Chemical Structure](attachment:image.png)

### DESCRIPTION
SMA® 2000 H is an aqueous solution of the ammonia salt of SMA 2000.

### PRODUCT HIGHLIGHTS
SMA® Resin which balances higher styrene content with solubility in aqueous base

### PERFORMANCE PROPERTIES
- Moderate solution solids
- Heat resistance
- High gloss

### SUGGESTED APPLICATIONS
- Emulsion polymerization
- Paper sizing
- Polymer modification
- Chemical intermediate

### Typical Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear liquid</td>
</tr>
<tr>
<td>Solids, wt.%</td>
<td>22</td>
</tr>
<tr>
<td>Color, Gardner scale</td>
<td>1</td>
</tr>
<tr>
<td>Resin Molecular Weight, $M_n$</td>
<td>3000</td>
</tr>
<tr>
<td>Resin Molecular Weight, $M_W$</td>
<td>7500</td>
</tr>
</tbody>
</table>

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