Technical Data Sheet: SMA® 1000 H Solution

STYRENE MALEIC ANHYDRIDE COPOLYMER SOLUTION

DESCRIPTION
SMA® 1000H is an aqueous solution of the ammonia salt of SMA 1000.

PRODUCT HIGHLIGHTS
High solids, Low viscosity solution
Very low VOC

PERFORMANCE PROPERTIES
Heat resistance
High gloss
Excellent surfactant
High reactivity
Freeze thaw stable

SUGGESTED APPLICATIONS
Emulsion polymerization
Overprint varnishes
Inks
Textile treatment
Leather treatment
Carpet cleaners
Polymer modification
Adhesives

SMA® 1000 H Solution
TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear liquid</td>
</tr>
<tr>
<td>Solids, wt.%</td>
<td>36</td>
</tr>
<tr>
<td>Color, Gardner scale</td>
<td>1</td>
</tr>
<tr>
<td>Resin Molecular Weight, M_n</td>
<td>2000</td>
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<tr>
<td>Resin Molecular Weight, M_W</td>
<td>5500</td>
</tr>
</tbody>
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