MED-6350
Soft silicone adhesive

DESCRIPTION

— A clear silicone gel
— 100% silicone solids (solvent-less)
— A medium viscosity liquid that cures to a medium firmness, medium tack silicone gel
— 1:1 Mix Ratio (Part A: Part B)
— Supported with applicable biological testing

APPLICATION

— Can be considered for use in wound care applications as well as scar care products
— Suitable for applications requiring a clear silicone gel with high adhesion
— Ideal for coating various substrates

NuSil™ MED-6350 shall not be considered for use in human implantation for a period of greater than 29 days.

PROPERTIES

<table>
<thead>
<tr>
<th>Typical Properties</th>
<th>Average Result</th>
<th>Standard</th>
<th>NT-TM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uncured:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Translucent</td>
<td>ASTM D2090</td>
<td>002</td>
</tr>
<tr>
<td>Viscosity, Part A</td>
<td>25,000 cP (25,000 mPas)</td>
<td>ASTM D1084, D2196</td>
<td>001</td>
</tr>
<tr>
<td>Viscosity, Part B</td>
<td>16,500 cP (16,500 mPas)</td>
<td>ASTM D1084, D2196</td>
<td>001</td>
</tr>
<tr>
<td>Volatile Content</td>
<td>1.4 %</td>
<td>ASTM D2288</td>
<td>004</td>
</tr>
<tr>
<td>Cured: 30 minutes at 100°C (212°F)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Penetration (19.5g shaft, 1/4 inch foot, 5 seconds)</td>
<td>2.2 mm</td>
<td>-</td>
<td>011</td>
</tr>
<tr>
<td>Surface-Tack Test</td>
<td>5.7 psi</td>
<td>ASTM D429</td>
<td>103</td>
</tr>
<tr>
<td>Tissue Culture (Cytotoxicity Testing)</td>
<td>Pass</td>
<td>USP &lt;87&gt; ISO 10993-5</td>
<td>061</td>
</tr>
<tr>
<td>Elemental Analysis of Trace Metals</td>
<td>Pass</td>
<td>ASTM E305</td>
<td>131</td>
</tr>
</tbody>
</table>

The above properties are tested on a lot-to-lot basis. Do not use as a basis for preparing specifications. Please contact NuSil Technology for assistance and recommendations in establishing particular specifications.
INSTRUCTIONS FOR USE

Mixing
Combine Part A : Part B in a 1 : 1 mix ratio prior to use. To obtain a softer gel (higher penetration value), increase the ratio of Part A to Part B in the initial mix. Similarly, to obtain a firmer gel (lower penetration value), increase the ratio of Part B to Part A. Changes in the cure rate result when deviations from the 1:1 mix are used. Airless mixing, metering, or dispensing equipment is recommended for production operations. If mixing by hand, take care to minimize air entrapment.

Vacuum Deaeration
Remove air entrapped during mixing by common vacuum deaeration procedure, observing all applicable safety precautions. Slowly apply full vacuum to a suitable container of at least four times the volume of material being de-aired. Hold vacuum until bulk deaeration is complete.

Substrate Considerations
Cures in contact with most materials common to biomedical assemblies. Exceptions include: sulfur-cured organic rubbers, latex, chlorinated rubbers, some RTV silicones and unreacted residues of some curing agents.

Note: Some bonding applications may require the use of a primer. NuSil Technology's MED1-161 is recommended. For more information on primer selection, visit www.nusil.com and review Choosing a Silicone Primer/Adhesive System.

REACH COMPLIANCE
Please contact NuSil Technology's Regulatory Compliance department with any questions or for further assistance.

SPECIFICATIONS
Do not use the properties shown in this technical profile as a basis for preparing specifications. Please contact NuSil Technology for assistance and recommendations in establishing particular specifications.

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