InvisiSil* IVSD3208 Silicone DAM

Description
InvisiSil* IVSD3208 Silicone DAM is a one-component, high viscosity, heat curable white silicone that may be considered for use as a dam of multichip LED modules (Chip On Board). This product cures quickly with heat and adheres well to a variety of substrates without the use of a primer.

Key Features and Typical Benefits

- Ready to use: one component and supplied by syringe
- High viscosity, thixotropic consistency
- Excellent adhesive properties: primerless adhesion to many types of substrates
- Non-corrosive to most metals

Typical Physical Properties

<table>
<thead>
<tr>
<th>Uncured Properties</th>
<th>Cured Properties (1h @ 150°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White, Paste</td>
</tr>
<tr>
<td>Viscosity (23°C)</td>
<td>Pas•s</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Density (23°C)</td>
<td>g/cm³</td>
</tr>
<tr>
<td>Hardness (Type A)</td>
<td>53</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>MPa</td>
</tr>
<tr>
<td>Elongation</td>
<td>%</td>
</tr>
<tr>
<td>Adhesive Strength(1)</td>
<td>MPa</td>
</tr>
<tr>
<td>Volume resistivity</td>
<td>Ω•cm</td>
</tr>
</tbody>
</table>

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Aluminum lap shear
Typical properties are average data and are not to be used as or to develop specifications
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Potential Applications
InvisiSil IVSD3208 Silicone DAM is an excellent candidate to consider for use in the following applications:

- LED Package
- Chip On Board (COB) LED
- Industrial application
- Sealing and adhesive between plastics and metals/ceramics in various parts

General Considerations for Use
All parts should be as clean and dry as possible prior to applications. Materials such as water, sulfur, nitrogen compounds, organic metallic salts, phosphorus compounds, etc. contained in the surface of the substrate can inhibit curing. It is recommended that a preliminary test is performed to determine the compatibility.

Packaging Types
InvisiSil IVSD3208 Silicone DAM is currently available in 30g syringe

Patent Status
Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage
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**Limitations**
Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

**Contact Information**
For product prices, availability, or order placement, contact our customer service at Momentive.com/CustomerService/

For literature and technical assistance, visit our website at: www.momentive.com

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