**Product Information**

**General Rubber**

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**Silastic® LC 3335 Liquid Silicone Rubber**

50 Shore A hardness, 1 to 1 mix (Part A and B) Liquid Silicone Rubber designed for Liquid Additive Manufacturing (LAM) 3D Printing. Combines the performance benefits of silicone rubber with the design and processing advantages of additive manufacturing.

**APPLICATIONS**

- Preparation of Silicone Rubber Prototypes with properties that are comparable to injection molded components
- Low-volume or highly customized manufacturing of complex parts
- New design options in automotive, consumer care, cookware, lighting and other applications where traditional LSRs are used

**TYPICAL PROPERTIES**

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

<table>
<thead>
<tr>
<th>Test</th>
<th>Property</th>
<th>Unit</th>
<th>Result 1</th>
<th>Result 2</th>
<th>Result 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTM D2240</td>
<td>Durometer Hardness³</td>
<td>Shore A</td>
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<td>44</td>
<td>46</td>
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<tr>
<td>ASTM D412</td>
<td>Elongation</td>
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<td>ASTM D412</td>
<td>Tensile Strength</td>
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<td>ASTM D624 B</td>
<td>Tear Strength</td>
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<td>ASTM D792</td>
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<td>CTM 1094</td>
<td>Viscosity Part A (10s⁻¹)</td>
<td>Pa.s</td>
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<tr>
<td>CTM 1094</td>
<td>Viscosity Part B (10s⁻¹)</td>
<td>Pa.s</td>
<td>159</td>
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<td></td>
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</tbody>
</table>

¹ASTM: American Society for Testing and Materials
²CTM: Corporate Test Method; copies of CTMs are available on request.
³3D printed (Nozzle diameter 0.4 mm), variations in printing conditions may occur
⁴3D printed (as in ³) and post-cured; Post-cure conditions: 4 hours at 200°C
⁵For 3D printed parts hardness measurement taken on 3 x 2 mm thick plates

**DESCRIPTION**

*Silastic® LC 3335 Liquid Silicone Rubber* developed to give excellent Additive Manufacturing process performances due to its improved rheology.

**HOW TO USE**

The A and B components are supplied strained and de-aired to be used as lot matched kits. Mix parts A and B in a 1:1 ratio. Meter mix equipment which pumps, meters and mixes the two components without incorporation of air is strongly recommended for production. If air bubbles are entrapped during mixing the mixture must be thoroughly de-gassed under vacuum.
HANDLING PRECAUTIONS
PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW CORNING WEBSITE AT DOWCORNING.COM, OR FROM YOUR DOW CORNING SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CORNING CUSTOMER SERVICE.

USABLE LIFE AND STORAGE
When stored at or below 35°C (95°F) in original, unopened containers this product has a usable life of 15 months from the date of production.

PACKAGING INFORMATION
This product is supplied in lot matched kits (2 x 20 kg pail, and 2 x 600 ml cartridges).

LIMITATIONS
This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

HEALTH AND ENVIRONMENTAL INFORMATION
To support customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, dowcorning.com or consult your local Dow Corning representative.

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