CS-301
Standard/Nonasbestos Gasket Material
F33999E69M9

Description

CS-301 has a controlled-swell styrene butadiene rubber binder. It is intended for use in applications with water, high analine point oil, and other applications not including aromatic fuels and certain solvents, and with short duration maximum temperatures up to 180°C (350°F).

Specification Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density, g/cc(lb/cu.ft)</td>
<td>0.61 (38) (min.)</td>
<td>ASTM F 1315</td>
</tr>
<tr>
<td>Compressibility, % (at 6.9MPa)</td>
<td>25 - 40</td>
<td>ASTM F 36</td>
</tr>
<tr>
<td>Recovery, %</td>
<td>30 (min.)</td>
<td>ASTM F 36</td>
</tr>
<tr>
<td>Tensile Strength, AMD, MPa(psi)</td>
<td>4.83 (700) (min.)</td>
<td>ASTM F 152</td>
</tr>
<tr>
<td>Fluid Resistance, IRM903 Oil</td>
<td></td>
<td>ASTM F 146</td>
</tr>
<tr>
<td>Change in Thickness, %</td>
<td>30 (max.)</td>
<td></td>
</tr>
<tr>
<td>Change in Weight, %</td>
<td>105 (max.)</td>
<td></td>
</tr>
<tr>
<td>Fluid Resistance, Fuel B</td>
<td></td>
<td>ASTM F 146</td>
</tr>
<tr>
<td>Change in Thickness, %</td>
<td>35 (max.)</td>
<td></td>
</tr>
<tr>
<td>Change in Weight, %</td>
<td>95 (max.)</td>
<td></td>
</tr>
<tr>
<td>Fluid Resistance, Distilled Water</td>
<td></td>
<td>ASTM F 146</td>
</tr>
<tr>
<td>Change in Thickness, %</td>
<td>30 (max.)</td>
<td></td>
</tr>
<tr>
<td>Change in Weight, %</td>
<td>60 (max.)</td>
<td></td>
</tr>
<tr>
<td>Binder Type</td>
<td>Styrene Butadiene</td>
<td></td>
</tr>
</tbody>
</table>

Remarks values determined by the test methods required for ASTM F-104, Type 3 materials.

Interface Performance Materials®, EnCore®, Hydro-Fused®, MicroPore®, Pro-Formance®, Select-a-Seal®, SyntheSeal®, Thermo-Tork®, and Voltoid® are registered trademarks of Lydall Performance Materials (US), Inc.

For more information, please visit www.InterfaceMaterials.com or contact

TECHNICAL CENTER
Lydall Performance Materials (US), Inc.
215 Wohlsen Way
Lancaster, PA 17603
USA
AE@InterfaceMaterials.com
+1.717.207.6000

NORTH AMERICAN SALES OFFICE
Lydall Performance Materials (US), Inc.
22260 Haggerty Road, Suite 200
Northville, MI 48167
USA
+1.248.596.2880

ASIA PACIFIC
Interface Sealing Solutions Shanghai Co., LTD
Unit 14F, No. 728 Yan An Road West, Changning District
Shanghai 200050
China
+8621.5238.5650

INDIA
Lydall Performance Materials India LLP
Mandkola Road, Vill. Atta, Sohna,
Distt: Mewat, Nuh-122103 (Haryana)
+91 8930992166

GERMANY
Lydall Performance Materials Altenkirchen GmbH
Koblenzer Straße
57610 Altenkirchen
Germany
+49 26818002-0

EUROPE
Lydall Performance Materials Europe
Maison Lili Pean
64240 Bonloc
France
+33 (0) 5.59.29.12.20

WARNING: The description and performance data provided herein constitute a material specification for quality control purposes, but do not imply suitability for use in a specific application. Your specific application should not be undertaken without independent study and evaluation for suitability. Failure to select proper sealing products may result in either property damage or personal injury. For specific application recommendations, contact Lydall Performance Materials (US), Inc. (LPM). LPM EXPRESSLY DISCLAIMS ALL WARRANTIES EITHER EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL LPM BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT INCLUDING NEGLIGENCE OR OTHERWISE ARISING IN ANY WAY OUT OF THE USE OF THE INFORMATION CONTAINED IN ITS SPECIFICATION DATA SHEETS, ITS PRODUCTS OR THEIR FUTURE USE BY YOU OR ANY THIRD PARTIES, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.