Part of the industry’s most comprehensive portfolio of high-quality butyl rubber products, Exxon™ butyl rubber 268S is a medium-unsaturation, high-viscosity grade used primarily for inner tubes, curing bladders and dynamic applications. It differs from Exxon butyl rubber 268 in that it has a higher level of calcium stearate, which is a processing aid.

The key specifications of the two grades are equivalent.

<table>
<thead>
<tr>
<th>Grades</th>
<th>268</th>
<th>268S</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product specifications</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mooney viscosity, ML 1+8 (125°C)</td>
<td>51 ± 5</td>
<td>51 ± 5</td>
</tr>
<tr>
<td>Antioxidant (non-staining)</td>
<td>wt%</td>
<td>0.03 min</td>
</tr>
<tr>
<td>Volatiles/water</td>
<td>wt%</td>
<td>0.3 max</td>
</tr>
<tr>
<td>Unsaturation</td>
<td>mol%</td>
<td>1.70 ± 0.20</td>
</tr>
</tbody>
</table>

**New name, same performance**
Before being produced under the Exxon butyl rubber 268S grade name, this product was called Exxon butyl rubber 288. Exxon butyl rubber 268S is used in the same applications as Exxon butyl rubber 268, which is why the product was renamed.

Since 1937, when we invented butyl synthetic rubber, ExxonMobil Chemical has demonstrated our commitment to the industry by providing a secure supply of the highest quality products, and through our sustained technology leadership.
Model bladder compound processing and performance properties

- Compound performance properties are very similar
- Minimal compounding adjustments may be required

Product description

Exxon™ butyl rubber 268S is a copolymer of isobutylene and isoprene. The product has a characteristic specific gravity of 0.92. The product form is white to light amber bales.

Model inner tube compound processing and performance properties

- Compound performance properties are very similar
- Minimal compounding adjustments may be required

Notes

1. MV 2000 or equivalent

All ASTM methods shown may be modified by the ExxonMobil laboratory.

Exxon butyl rubber is registered in the Toxic Substance Control Act Inventory under CAS number 9010-85-9.

Unless otherwise specified herein: data were prepared pursuant to ExxonMobil’s sampling and testing procedures in effect at time of production. Some values shown may result from interpolation or correlation of other data. Applicable sampling and test methods are available upon request and are subject to change without notice unless otherwise agreed in writing. ExxonMobil Chemical products, including the product name, shall not be used or tested in any medical application without the prior written acknowledgement of ExxonMobil Chemical as to the intended use. Please contact us for further information prior to using any ExxonMobil Chemical product in any medical application.