Regular butyl rubber is a copolymer of isobutene with small amounts of isoprene. The incorporation of isoprene creates double bonds, allowing vulcanization with sulfur and other curing agents.

When the compounds based on regular X_Butyl® are correctly formulated and processed, the end-products have:

- very low permeability to gases and liquids
- high hysteresis for energy absorption
- resistance to weathering, ozone and heat
- good resistance to acidic and basic chemicals
- good low-temperature flexibility

### PRODUCT PORTFOLIO

<table>
<thead>
<tr>
<th></th>
<th>Mooney Viscosity [ML(1+8) @ 125 °C, MU]</th>
<th>Unsaturation [mol%]</th>
<th>Ash [wt%]</th>
<th>Volatiles [wt%]</th>
</tr>
</thead>
<tbody>
<tr>
<td>X_Butyl® RB 100</td>
<td>33</td>
<td>0.9</td>
<td>&lt;0.3</td>
<td>&lt;0.3</td>
</tr>
<tr>
<td>X_Butyl® RB 402</td>
<td>33</td>
<td>2.25</td>
<td>&lt;0.3</td>
<td>&lt;0.3</td>
</tr>
<tr>
<td>X_Butyl® RB 301</td>
<td>51</td>
<td>1.85</td>
<td>&lt;0.3</td>
<td>&lt;0.3</td>
</tr>
<tr>
<td>X_Butyl® RB 101-3 (Food Grade)</td>
<td>51</td>
<td>1.75</td>
<td>&lt;0.3</td>
<td>&lt;1.0</td>
</tr>
</tbody>
</table>

### APPLICATIONS

The unique properties of regular butyl rubber make it the polymer of choice for a variety of rubber products such as:

- inner tubes
- curing bladders & envelopes
- adhesives
- chewing gum base
- protective clothing
- damping components
WE ARE HAPPY TO SUPPORT YOUR BUSINESS

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