Tecnoflon® FKM
Bisphenol Curable
**Tecnoflon® FKM Bisphenol Curable**

Tecnoflon® FKM bisphenol curable grades are fluorocarbon synthetic rubbers with high fluorine content that provide best-in-class thermal and chemical performance among all other elastomers.

Tecnoflon® FKM bisphenol curable grades offer a very good choice of solutions delivering excellent processability and improved mechanical and sealing properties in the following markets:

- Automotive
- Oil & Gas
- Semiconductor
- Chemical Processing
- Food
- Pharma

**Product Families**

<table>
<thead>
<tr>
<th>N: copolymer (D1418 FKM Type 1)</th>
<th>T: terpolymer (D1418 FKM Type 2)</th>
<th>FOR: Formulated grades (D1418 FKM Types 1 &amp; 2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monomers</td>
<td>VDF &amp; HFP (66% F)</td>
<td>Curatives added</td>
</tr>
<tr>
<td>TR10 rating</td>
<td>–17 °C</td>
<td>By Solvay</td>
</tr>
<tr>
<td>Curatives added</td>
<td>None</td>
<td>Made from: N and T, customization for</td>
</tr>
<tr>
<td>Mooney viscosity at 121 °C</td>
<td>10 to 125 MU</td>
<td>application and process</td>
</tr>
<tr>
<td>Other</td>
<td>Improved chemical resistance</td>
<td></td>
</tr>
</tbody>
</table>

**Cold flexibility and swelling in methanol versus fluorine content**

**Typical MDR charts**

**HS Series: Copolymers with Improved Thermal Stability**

Tecnoflon® HS copolymers are designed for a low, post-cure cycle and high thermal rating. Cure-incorporated and rubber-to-metal bonding grades are available for all molding techniques thanks to the unique set of properties:

- Curable without calcium hydroxide
- Lower hardness
- Improved C-set
- Higher thermal stability

**Comparison between standard copolymers and HS series**

*Compression set at different post-curing time*

- Improved sealing properties
- Very short post-curing time

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