**NXT* silane**

**Description**
NXT silane provides options for enhanced tire performance and overall systems cost-efficiencies for tire manufacturers. NXT silane, a thiocarboxylate functional silane, has been shown to enable reduced rolling resistance without loss of wet traction, while increasing overall production efficiency for tire manufacturers as compared to standard sulfur silanes.

**Performance Properties (Key Feature/Typical Benefits)**
- Fewer non-productive mixing steps
- Reduced compound viscosity
- Faster extrusion
- Improved Payne Effect
- Increased resilience
- Reduced Tan δ max
- Excellent dynamic properties at low temperature (-20°C to +10°C)

**Typical Physical Properties**

<table>
<thead>
<tr>
<th>Physical Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Form</td>
<td>Clear liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Pale yellow</td>
</tr>
<tr>
<td>Specific Gravity at 20°C, OECD-Guideline No. 102</td>
<td>0.9686</td>
</tr>
<tr>
<td>Flash Point, Pensky-Martens Closed Cup, °C (°F)</td>
<td>150</td>
</tr>
</tbody>
</table>

Typical properties are average data and are not to be used as or to develop specifications.

**Patent Status**
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