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 Form</th>
<th>Clear liquid</th>
</tr>
</thead>
<tbody>
<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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Contact Information
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