

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

| | |
|--|--------------|
| Physical Form | Clear liquid |
| Color | Pale yellow |
| Specific Gravity at 20°C, OECD-Guideline No. 102 | 0.9686 |
| Flash Point, Pensky-Martens Closed Cup, °C (°F) | 150 |

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

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

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For literature and technical assistance, visit our website at: www.momentive.com

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