

Niax* processing additive DP-1022

Description

Niax processing additive DP-1022 is a reactive polyfunctional additive that finds utility in improving significantly Tensile/ Elongation/Tear properties of a number of urethane foam applications like high resiliency technologies (HR), formulations using inorganic fillers as well as specialty formulations such as viscoelastic foams.

Key Features and Benefits

The use of Niax processing additive DP-1022 will result in:

- Increased Tear resistance
- Increased Tensile/Elongation of the foams

Specially in formulations using inorganic fillers and High Resilience foams.

Typical Physical Properties

Form	Clear liquid
Specific Gravity, 20/25°C	1.02
Viscosity at 25°C, cps	175
Flash Point °C	>230
Purity, Wt %	>98.0
Water, Wt %	0.05 max.
Color, Pt-Co	50 max.
Hydroxyl Number, mg KOH/g	1200

Processing Recommendations

Formulation and Use

The use of Niax processing additive DP-1022 in low-medium density formulations can help reduce processing problems often encountered when foaming with fillers. At 0.5 - 1.5 php, Niax processing additive DP-1022 provides excellent foam processing and improvements in Tensile/Elongation/Tear properties. Only minor catalyst adjustments are needed. A reduction of stannous octoate by 5 - 10% is required for optimum processability. This will vary depending on the formulation.

Niax processing additive DP-1022 has been found to improve overall HR foam properties.

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a 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.

Contact Information

For product prices, availability, or order placement, contact our customer service at Momentive.com/contact/customer-service

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

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