

Niax* Catalyst EF-680

Description

Niax Catalyst EF-680 is a low emission tertiary amine catalyst for the manufacture of polyurethane high resilience (HR) molded foam. This catalyst offers high-end curing efficiency to help improve foam “green strength” with more open foam and lower Force to Crush (FTC). It can deliver final foam hardness and foam physical property results similar to those of Niax Catalyst EF-600. Niax Catalyst EF-680 is an excellent candidate for polyurethane HR molded foam formulations, as it helps reduce foam odor and amine emissions.

Key Features and Typical Benefits

- Gelling catalyst
- Low emission properties
- Good foam physical properties
- Lower FTC and higher final foam hardness (IFD) versus traditional catalysts
- Reduced foam odor and amine emissions
- Useful for foam formulations based on TDI, MDI and TM isocyanates

Typical Physical Properties

Items	Unit	Specifications
Turbidity	NTU	0 ~ 6
Specific Gravity at 25 °C		1.05
Color	GVS	0 ~ 5
Viscosity at 25 °C	mPa•s	1000 ~ 3000
Flash Point, Pensky Martens Closed Cup ⁽¹⁾	°C	105

⁽¹⁾ASTM Method D93

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

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/CustomerService/

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

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