# *Hostacom* MT8220

**Compounded Polyolefin**

**Product Description**

*Hostacom* MT8220 is a very high melt flow, very high flexural modulus, mineral-filled polypropylene copolymer that has a good balance of properties and processability. It was designed primarily for automotive interior applications that require excellent flow to fill thin sections and high rigidity.

**Product Characteristics**

| | |
|---|---|
| **Status** | Commercial: Active |
| **Test Method used** | ISO |
| **Availability** | North America |
| **Processing Methods** | Injection Molding |
| **Features** | Good Flow, High Rigidity |
| **Typical Customer Applications** | Interior Applications |

| Typical Properties | Method | Value | Unit |
|---|---|---|---|
| **Physical** | | | |
| Melt Flow Rate | ASTM D 1238 | 36 | g/10 min |
| Density | ISO 1183 | 1.045 | g/cm³ |
| **Mechanical** | | | |
| Tensile Stress at Yield | ISO 527-1, -2 | 25 | MPa |
| Flexural modulus | ISO 178 | 2600 | MPa |
| **Impact** | | | |
| Notched izod impact strength (23 °C) | ISO 180 | 5 | kJ/m² |
| **Thermal** | | | |
| Heat deflection temperature B (0.45 MPa) Unannealed | ISO 75B-1, -2 | 112 | °C |
| **Additional Information** | | | |
| Mold shrinkage | ISO 294-4 | | |
| *Note*: Please contact a LyondellBasell representative for shrinkage recommendations. | | | |

**Notes**

Typical properties; not to be construed as specifications.

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LyondellBasell markets this product through the following entities:

- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

For the contact details of the LyondellBasell company selling this product in your country, please visit http://www.lyb.com/.

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This product(s) may not be used in:

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(ii) the manufacture of any of the following, without prior written approval by Seller for each specific product and application: (1) U.S. FDA Class II, Health Canada Class II or Class III, and/or European Union Class II Medical Devices; (2) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices; (3) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration; (4) tobacco related products and applications; (5) electronic cigarettes and similar devices; and (6) pressure pipe or fittings that are considered a part or component of a nuclear reactor.

(iii) Additionally, the product(s) may not be used in: (1) U.S. FDA Class III, Health Canada Class IV, and/or European Class III Medical Devices; (2) applications involving permanent implantation into the

body; (3) life-sustaining medical applications; and (4) lead, asbestos or MTBE related applications.

All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

Users should review the applicable Material Safety Data Sheet before handling the product.

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