

## Hifax TRC 779P

### Compounded Polyolefin

#### Product Description

Hifax TRC 779P high melt flow, 1,650 MPa flexural modulus, UV-stabilized, paintable, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It was designed for use in multiple automotive exterior applications.

#### Product Characteristics

|                                      |   |
|--------------------------------------|---|
| <b>Status</b>                        | Commercial: Active  |
| <b>Test Method used</b>              | ISO   |
| <b>Availability</b>                  | North America   |
| <b>Processing Method</b>             | Injection Molding   |
| <b>Features</b>                      | Good Dimensional Stability, Good Flow, Good Impact Resistance, Low Temperature Impact Resistance, Good Moldability, Paintable, Good Weather Resistance, Low Shrinkage, High Stiffness |
| <b>Typical Customer Applications</b> | Exterior Applications, Bumpers  |

| Typical Properties              | Method        | Value Unit             |
|---------------------------------|---------------|------------------------|
| <b>Physical</b>                 |               |                        |
| Melt flow rate (230°C/2.16kg)   | ASTM D 1238   | 25 g/10 min            |
| Density (Method A)              | ISO 1183      | 1.03 g/cm <sup>3</sup> |
| <b>Mechanical</b>               |               |                        |
| Tensile Stress at Yield (23 °C) | ISO 527-1, -2 | 16 MPa                 |
| Tensile Strain at Yield (23 °C) | ISO 527-1, -2 | 4 %                    |
| Flexural modulus (23 °C)        | ISO 178       | 1650 MPa               |
| <b>Impact</b>                   |               |                        |
| Notched izod impact strength    | ISO 180       |                        |
| (-30 °C)                        |               | 5.5 kJ/m <sup>2</sup>  |
| (23 °C)                         |               | 45 kJ/m <sup>2</sup>   |

#### Additional Information

Mold shrinkage ISO 294-4

*Note: Please contact Basell for shrinkage recommendations.*

#### Additional Properties

Multi-axial instrumented impact, energy at max load at -40°C (2.2 m/sec) = 23 J (ductile failure mode).

#### Notes

Typical properties; not to be construed as specifications.

#### Further Information

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

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

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

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Release Date: 31 Oct 2007