

## Technical Data Sheet

### *Hifax* TRC 770P G64 Gray

Polypropylene Compounds



#### Product Description

*Hifax* TRC 770P G64 Gray high melt flow, 1,600 MPa flexural modulus, UV-stabilized, mineral-filled, precolored thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It is typically used for molded-in color automotive bumper fascias.

#### Regulatory Status

For regulatory compliance information, see *Hifax* TRC 770P G64 Gray [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

|                          |                                                             |
|--------------------------|-------------------------------------------------------------|
| <b>Status</b>            | Commercial: Active                                          |
| <b>Availability</b>      | North America                                               |
| <b>Application</b>       | Automotive Parts; Bumpers; Exterior Automotive Applications |
| <b>Market</b>            | Automotive                                                  |
| <b>Processing Method</b> | Injection Molding                                           |

| Typical Properties                                           | Nominal Value | Units             | Test Method   |
|--------------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                              |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                             | 28            | g/10 min          | ASTM D1238    |
| Density, (23 °C, Method A)                                   | 1.02          | g/cm <sup>3</sup> | ISO 1183-1    |
| <b>Mechanical</b>                                            |               |                   |               |
| Flexural Modulus, (23 °C)                                    | 1600          | MPa               | ISO 178       |
| Tensile Stress at Yield, (23 °C)                             | 19            | MPa               | ISO 527-1, -2 |
| Tensile Strain at Yield, (23 °C)                             | 7             | %                 | ISO 527-1, -2 |
| <b>Impact</b>                                                |               |                   |               |
| Notched Izod Impact Strength                                 |               |                   |               |
| (23 °C)                                                      | 32            | kJ/m <sup>2</sup> | ISO 180       |
| (-30 °C)                                                     | 5.8           | kJ/m <sup>2</sup> | ISO 180       |
| <b>Thermal</b>                                               |               |                   |               |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed)    | 125           | °C                | ISO 75B-1, -2 |
| <b>Additional Information</b>                                |               |                   |               |
| Mold Shrinkage                                               |               |                   | ISO 294-4     |
| Please contact LyondellBasell for shrinkage recommendations. |               |                   |               |

#### Notes

These are typical property values not to be construed as specification limits.

#### Processing Techniques

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Request #: 908386

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

### Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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- (ii) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned medical devices;
- (iii) 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;
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