



## Hostacom TRC 787Y

### Compounded Polyolefin

#### Product Description

Hostacom TRC 787Y is a 20% mineral filled, thermoplastic polyolefin elastomer compound for injection molding. The grade has been designed for fully painted automotive interior parts including instrument panels, doors, and consoles. It has an excellent balance of processability, rigidity, and excellent impact strength.

#### Product Characteristics

|                                      |                                                      |
|--------------------------------------|------------------------------------------------------|
| <b>Status</b>                        | Development                                          |
| <b>Test Method used</b>              | ISO                                                  |
| <b>Availability</b>                  | North America                                        |
| <b>Processing Methods</b>            | Injection Molding                                    |
| <b>Features</b>                      | Good Flow, High Impact Resistance , Good Moldability |
| <b>Typical Customer Applications</b> | Instrument Panels, Interior Applications             |

| Typical Properties                                                        | Method        | Value | Unit              |
|---------------------------------------------------------------------------|---------------|-------|-------------------|
| <b>Physical</b>                                                           |               |       |                   |
| Melt Flow Rate (230°C/2.16kg)                                             | ASTM D 1238   | 21    | g/10 min          |
| Density (23°C)                                                            | ISO 1183      | 1.03  | g/cm <sup>3</sup> |
| <b>Mechanical</b>                                                         |               |       |                   |
| Tensile Stress at Yield (23 °C)                                           | ISO 527-1, -2 | 19    | MPa               |
| Flexural modulus (23 °C)                                                  | ISO 178       | 1900  | MPa               |
| <b>Impact</b>                                                             |               |       |                   |
| Notched izod impact strength                                              | ISO 180       |       |                   |
| (-30 °C)                                                                  |               | 7     | kJ/m <sup>2</sup> |
| (23 °C)                                                                   |               | 50    | kJ/m <sup>2</sup> |
| <b>Thermal</b>                                                            |               |       |                   |
| Heat deflection temperature B (0.45 MPa) Unannealed                       | ISO 75B-1, -2 | 103   | °C                |
| <b>Additional Information</b>                                             |               |       |                   |
| Mold shrinkage                                                            | ISO 294-4     |       |                   |
| <i>Note: Please contact LyondellBasell for shrinkage recommendations.</i> |               |       |                   |

#### Notes

Typical properties; not to be construed as specifications.

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

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