



## Hostacom TRC 352NA

### Compounded Polyolefin

#### Product Description

Hostacom TRC 352NA high melt flow, high flexural modulus, mineral-filled thermoplastic elastomeric olefin (TEO) resin has excellent impact/stiffness balance, good flowability properties, and excellent scratch resistance. It has an outstanding blooming resistance at elevated temperatures. It was designed primarily for interior automotive applications.

#### Product Characteristics

|                                      |   |
|--------------------------------------|---|
| <b>Status</b>                        | Commercial: Active                            |
| <b>Test Method used</b>              | ISO   |
| <b>Availability</b>                  | North America                                 |
| <b>Processing Methods</b>            | Injection Molding                             |
| <b>Features</b>                      | Good Flow, Impact Modified, Scratch Resistant |
| <b>Typical Customer Applications</b> | Interior Applications                         |

| Typical Properties  | Method        | Value    | Unit              |
|---|---------------|----------|-------------------|
| <b>Physical</b>   |               |          |                   |
| Melt Flow Rate  | ASTM D 1238   | 18       | g/10 min          |
| Density   | ISO 1183      | 1.05     | g/cm <sup>3</sup> |
| <b>Mechanical</b>   |               |          |                   |
| Tensile Stress at Yield (23 °C, 50 mm/min)                                | ISO 527-1, -2 | 20       | MPa               |
| Flexural modulus (23 °C, 2 mm/min)  | ISO 178       | 1850     | MPa               |
| <i>Note: Modulus Type - Chord</i>   |               |          |                   |
| <b>Impact</b>   |               |          |                   |
| Charpy unnotched impact strength (23 °C, Type 1, Edgewise)                | ISO 179       | No Break | kJ/m <sup>2</sup> |
| Charpy notched impact strength<br>(23 °C, Type 1, Edgewise, Notch A)      | ISO 179       | 35       | kJ/m <sup>2</sup> |
| (-30 °C, Type 1, Edgewise, Notch A)                                       |               | 4.5      | kJ/m <sup>2</sup> |
| <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.