

## Technical Data Sheet

### *Hostacom* TRC104NB NATRL



Polypropylene Compounds

#### Product Description

*Hostacom* TRC104NB NATRL high stiffness, high impact mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It is a globally available grade typically used for automotive instrument panels and other interior applications.

#### Regulatory Status

For regulatory compliance information, see *Hostacom* TRC104NB NATRL [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

|                          |                                                                                                            |
|--------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Status</b>            | Commercial: Active                                                                                         |
| <b>Availability</b>      | North America                                                                                              |
| <b>Application</b>       | Interior Automotive Applications; Interior Trims                                                           |
| <b>Market</b>            | Automotive                                                                                                 |
| <b>Processing Method</b> | Injection Molding                                                                                          |
| <b>Attribute</b>         | Good Moldability; Good Processability; High Impact Resistance; High Stiffness; Pleasing Surface Appearance |

| Typical Properties                                           | Nominal Value | Units             | Test Method   |
|--------------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                              |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                             | 21            | g/10 min          | ASTM D1238    |
| Density, (23 °C)                                             | 1.04          | g/cm <sup>3</sup> | ISO 1183-1    |
| <b>Mechanical</b>                                            |               |                   |               |
| Tensile Modulus, (23 °C)                                     | 2100          | MPa               | ISO 527-1, -2 |
| Tensile Stress at Yield, (23 °C)                             | 20            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                                |               |                   |               |
| Charpy Impact Strength - Notched                             |               |                   |               |
| (23 °C)                                                      | 35            | kJ/m <sup>2</sup> | ISO 179       |
| (-30 °C)                                                     | 3.5           | kJ/m <sup>2</sup> | ISO 179       |
| <b>Thermal</b>                                               |               |                   |               |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed)    | 105           | °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.