

## Technical Data Sheet

### Hostacom TRC 787N 1 NATRL



Polypropylene Compounds

#### Product Description

Hostacom TRC 787N 1 NATRL high melt flow, 1,850 MPa flexural modulus, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of process ability, rigidity, impact, and scratch and mar resistance. It is typically used for molded-in color automotive instrument panels.

|                   |                                                                                                                      |
|-------------------|----------------------------------------------------------------------------------------------------------------------|
| Application       | Instrument Panels                                                                                                    |
| Market            | Automotive                                                                                                           |
| Processing Method | Injection Molding                                                                                                    |
| Attribute         | Good Colorability; Good Flow; Good Moldability; High Impact Resistance; High Stiffness; Low Gloss; Scratch Resistant |

| 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>                                         |               |                   |               |
| Flexural Modulus, (23 °C)                                 | 1850          | 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)                                                   | 48            | kJ/m <sup>2</sup> | ISO 180       |
| (-30 °C)                                                  | 6.6           | kJ/m <sup>2</sup> | ISO 180       |
| <b>Thermal</b>                                            |               |                   |               |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 103           | °C                | ISO 75B-1, -2 |
| <b>Additional Information</b>                             |               |                   |               |
| Mold Shrinkage                                            |               |                   | ISO 294-4     |

Please contact LyondellBasell for shrinkage recommendations.