

## Technical Data Sheet

### Hostacom TRC 453N E C12990



Polypropylene Compounds

#### Product Description

Hostacom TRC 453N E C12990 is a 20% talc filled PP copolymer, with excellent impact/stiffness balance and improved scratch resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C12990 color version.

*This grade is not intended for medical, pharmaceutical, food and drinking water applications.*

|                   |                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------|
| Application       | Interior Trims                                                                                               |
| Market            | Automotive                                                                                                   |
| Processing Method | Injection Molding                                                                                            |
| Attribute         | Excellent Processability; Good Impact Resistance; Good Stiffness; High Flow; Scratch Resistant; UV Resistant |

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 25            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                          | 1.04          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                         |               |                   |               |
| Flexural Modulus, (23 °C, Tech. A)                        | 2000          | MPa               | ISO 178/A1    |
| <b>Impact</b>                                             |               |                   |               |
| Notched Izod Impact Strength                              |               |                   |               |
| (23 °C)                                                   | 35            | kJ/m <sup>2</sup> | ISO 180/1A    |
| (-30 °C)                                                  | 6             | kJ/m <sup>2</sup> | ISO 180/1A    |
| <b>Thermal</b>                                            |               |                   |               |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 105           | °C                | ISO 75B-1, -2 |