

## Technical Data Sheet

### Hostacom TRC 1193N E1 C12360



Polypropylene Compounds

#### Product Description

*Hostacom TRC 1193N E1 C12360* is a UV stabilised mineral filled polypropylene copolymer for injection moulding.

It combines a very good flowability with high stiffness/ very good impact properties and excellent scratch resistance and provides excellent surface aesthetics.

The grade has been specifically designed for moulding of large complex interior trim parts that requires good dimensional stability.

This grade is delivered in C12360 ebony ZHE color version.

This product is also available in other colors, new colors can be developed depending on customer requirements.

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

|                   |                                        |
|-------------------|----------------------------------------|
| Application       | Interior Automotive Applications       |
| Market            | Automotive                             |
| Processing Method | Injection Molding                      |
| Attribute         | High Impact Resistance; High Stiffness |

| Typical Properties                                    | Nominal Value | Units             | Test Method   |
|-------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                       |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                      | 22            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                      | 1.01          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                     |               |                   |               |
| Flexural Modulus, (23 °C, Tech. A)                    | 1800          | MPa               | ISO 178/A1    |
| Tensile Stress at Yield, (23 °C)                      | 19            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                         |               |                   |               |
| Charpy Impact Strength - Notched                      |               |                   |               |
| (23 °C, Type 1, Notch A)                              | 55            | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| (-40 °C)                                              | 3.6           | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| <b>Thermal</b>                                        |               |                   |               |
| Heat Deflection Temperature A, (1.80 MPa, Unannealed) | 53            | °C                | ISO 75A-1, -2 |