

## Technical Data Sheet

### Hostacom RC512TB BLACK



Polypropylene Compounds

#### Product Description

Hostacom RC512TB BLACK is a 30% talc filled polypropylene, with high melt flow rate, high stiffness, and good heat aging resistance. Product is available as non color matched, black, pellet form.

#### Regulatory Status

For regulatory compliance information, see Hostacom RC512TB BLACK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Status            | Commercial: Active                                    |
| Availability      | Asia-Pacific                                          |
| Application       | Automotive Parts; Underhood                           |
| Market            | Automotive                                            |
| Processing Method | Injection Molding                                     |
| Attribute         | Good Heat Aging Resistance; High Flow; High Stiffness |

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 20            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                          | 1.13          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                         |               |                   |               |
| Flexural Modulus                                          | 3600          | MPa               | ISO 178       |
| Tensile Stress at Yield                                   | 27.5          | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                   |               |
| Notched Izod Impact Strength, (23 °C)                     | 4             | kJ/m <sup>2</sup> | ISO 180/1A    |
| <b>Thermal</b>                                            |               |                   |               |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 128           | °C                | ISO 75B-1, -2 |

#### Notes

These are typical property values not to be construed as specification limits.