

## Technical Data Sheet

### Hostacom 1103 2003 (SC BLACK)



Polypropylene Compounds

#### Product Description

Hostacom 1103 2003 is a 20% talc filled PP homopolymer, with medium melt flow rate, good stiffness, and good thermal resistance. Product is available as non color matched, black, pellet form.

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

|                          |  |
|--------------------------|--|
| <b>Application</b>       | Automotive Parts; Underhood                                |
| <b>Market</b>            | Automotive   |
| <b>Processing Method</b> | Injection Molding  |
| <b>Attribute</b>         | Good Stiffness; Good Thermal Aging Resistance; Medium Flow |

| Typical Properties                    | Nominal Value | Units             | Test Method   |
|---------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                       |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)      | 10            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                      | 1.05          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                     |               |                   |               |
| Flexural Modulus                      | 2800          | MPa               | ISO 178       |
| Tensile Stress at Yield               | 33            | MPa               | ISO 527-1, -2 |
| Tensile Strain at Break               | 20            | %                 | ISO 527-1, -2 |
| <b>Impact</b>                         |               |                   |               |
| Notched Izod Impact Strength, (23 °C) | 3.5           | kJ/m <sup>2</sup> | ISO 180/1A    |
| <b>Thermal</b>                        |               |                   |               |
| Deflection Temperature Under Load     |               |                   |               |
| (0.45 MPa, Unannealed)                | 120           | °C                | ISO 75B-1, -2 |
| (1.80 MPa, Unannealed)                | 70            | °C                | ISO 75A-1, -2 |