

## Technical Data Sheet

### Hostacom BB77G Black



Polypropylene Compounds

#### Product Description

Hostacom BB77G Black is a high flow, high stiffness, 15% talc-filled polypropylene copolymer resin.

|                          |  |
|--------------------------|--|
| <b>Application</b>       | Interior Automotive Applications                     |
| <b>Market</b>            | Automotive   |
| <b>Processing Method</b> | Injection Molding                                    |
| <b>Attribute</b>         | Good Dimensional Stability; High Flow; High Rigidity |

| Typical Properties   | Nominal Value | Units             | Test Method   |
|--|---------------|-------------------|---------------|
| <b>Physical</b>  |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                             | 30            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)   | 1.01          | g/cm <sup>3</sup> | ISO 1183-1    |
| <b>Mechanical</b>  |               |                   |               |
| Flexural Modulus   | 2100          | MPa               | ISO 178       |
| Tensile Stress at Yield                                      | 26            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>  |               |                   |               |
| Charpy Impact Strength - Notched, (23 °C)                    | 3             | kJ/m <sup>2</sup> | ISO 179       |
| <b>Hardness</b>  |               |                   |               |
| Rockwell Hardness, (R-Scale)                                 | 90            |                   | ISO 2039-2    |
| <b>Thermal</b>   |               |                   |               |
| Heat Deflection Temperature B, (0.45 MPa, Unannealed)        | 112           | °C                | ISO 75B-1, -2 |
| <b>Additional Information</b>                                |               |                   |               |
| Mold Shrinkage   |               |                   | ISO 294-4     |
| Please contact LyondellBasell for shrinkage recommendations. |               |                   |               |