



## Hostacom PC072-3 NATURAL

### Compounded Polyolefin

#### Product Description

"Hostacom PC072-3 NATURAL is a glass fiber reinforced PP homopolymer, with low melt flow rate. Product is UL listed."

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

#### Product Characteristics

|                               |                      |     |
|-------------------------------|----------------------|-----|
| Status                        | Commercial           |     |
| Availability                  | Europe               | (1) |
| Processing Method             | Injection molding    |     |
| Features                      | Low melt flow rate.  |     |
| Typical Customer Applications | Used for appliances. |     |

| Typical Properties                        | Method        | Value | Unit              |
|-------------------------------------------|---------------|-------|-------------------|
| <b>Physical</b>                           |               |       |                   |
| Melt Flow Rate (230 °C, 2.16 kg)          | ISO 1133      | 2     | g/10 min          |
| Density (23 °C)                           | ISO 1183-1/A  | 1.14  | g/cm <sup>3</sup> |
| <b>Mechanical</b>                         |               |       |                   |
| Tensile Modulus (23 °C)                   | ISO 527-1, -2 | 6400  | MPa               |
| Tensile Stress at Yield (23 °C)           | ISO 527-1, -2 | 85    | MPa               |
| Tensile Strain at Yield (23 °C)           | ISO 527-1, -2 | 3.5   | %                 |
| Flexural Modulus (23 °C) Tech. A          | ISO 178/A1    | 5400  | MPa               |
| <b>Impact</b>                             |               |       |                   |
| Charpy Impact Strength, unnotched (23 °C) | ISO 179-1/1eU | 40    | kJ/m <sup>2</sup> |
| Charpy Impact Strength, notched (23 °C)   | ISO 179-1/1eA | 9.5   | kJ/m <sup>2</sup> |
| <b>Thermal</b>                            |               |       |                   |
| Vicat Softening Temperature B (50 N)      | ISO 306       | 130   | °C                |
| Heat Deflection Temperature A (1.8 MPa)   | ISO 75-1, -2  | 130   | °C                |
| Heat Deflection Temperature B (0.45 MPa)  | ISO 75-1, -2  | 155   | °C                |
| <b>Other</b>                              |               |       |                   |
| Flame Class (1.5 mm)                      | UL 94         | HB    | -                 |
| Flame Class (3.0 mm)                      | UL 94         | HB    | -                 |

#### Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.

#### Notes

Typical properties; not to be construed as specifications.

(1) : Here is indicated the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.