

## Technical Data Sheet

**Hostacom HBC 2119R G82767**

Polypropylene Compounds

**Product Description**

Hostacom HBC 2119R G82767 is a mineral filled PP homopolymer with low melt flow rate. Product is scheduled for UL listing.

This grade is not intended for medical and pharmaceutical applications.

|                          |                          |
|--------------------------|--------------------------|
| <b>Status</b>            | Commercial: Active       |
| <b>Availability</b>      | Europe                   |
| <b>Application</b>       | White Goods              |
| <b>Market</b>            | Electrical / Electronics |
| <b>Processing Method</b> | Injection Molding        |

| Typical Properties  | Nominal Value | Units                   | Test Method   |
|---|---------------|-------------------------|---------------|
| <b>Physical</b>   |               |                         |               |
| Melt Flow Rate, (230 °C/5.0 kg)                           | 7.5           | g/10 min                | ISO 1133-1    |
| Melt Volume Flow Rate, (230 °C/5.0 kg)                    | 7.5           | cm <sup>3</sup> /10 min | ISO 1133-1    |
| Density, (23 °C)  | 1.21          | g/cm <sup>3</sup>       | ISO 1183-1/A  |
| <b>Mechanical</b>   |               |                         |               |
| Flexural Modulus, (23 °C, Tech. A)                        | 4500          | MPa                     | ISO 178/A1    |
| Tensile Modulus, (23 °C)                                  | 4000          | MPa                     | ISO 527-1, -2 |
| Tensile Stress at Yield, (23 °C)                          | 33            | MPa                     | ISO 527-1, -2 |
| Tensile Strain at Yield, (23 °C)                          | 4             | %                       | ISO 527-1, -2 |
| <b>Impact</b>   |               |                         |               |
| Charpy Impact Strength - Notched                          |               |                         |               |
| (23 °C)   | 3             | kJ/m <sup>2</sup>       | ISO 179-1/1eA |
| (0 °C)  | 2             | kJ/m <sup>2</sup>       | ISO 179-1/1eA |
| Charpy Impact Strength - Unnotched                        |               |                         |               |
| (23 °C)   | 28            | kJ/m <sup>2</sup>       | ISO 179-1/1eU |
| (0 °C)  | 15            | kJ/m <sup>2</sup>       | ISO 179-1/1eU |
| <b>Thermal</b>  |               |                         |               |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 75            | °C                      | ISO 75A-1, -2 |

**Notes**

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