

## Technical Data Sheet

### Hostacom PPR 4170L

Polypropylene Compounds

#### Product Description

Hostacom PPR 4170L is an unfilled PP homopolymer with low melt flow rate.  
Product is UL listed.

**Market** Electrical / Electronics

**Processing Method** Injection Molding

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 3             | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                          | 0.90          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                         |               |                   |               |
| Flexural Modulus, (23 °C, Tech. A)                        | 1450          | MPa               | ISO 178/A1    |
| Tensile Modulus, (23 °C)                                  | 1500          | MPa               | ISO 527-1, -2 |
| Tensile Stress at Yield, (23 °C)                          | 35            | MPa               | ISO 527-1, -2 |
| Tensile Strain at Yield, (23 °C)                          | 10            | %                 | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                   |               |
| Charpy Impact Strength - Notched, (23 °C)                 | 4             | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| Charpy Impact Strength - Unnotched, (23 °C)               | No Break      |                   | ISO 179-1/1eU |
| <b>Thermal</b>                                            |               |                   |               |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 55            | °C                | ISO 75A-1, -2 |
| <b>Flammable</b>                                          |               |                   |               |
| Flame Rating - UL, (1.5 mm)                               | HB            |                   | UL 94         |