(+) 188 1699 6168 hongrunplastics.com



Hostalen PP H2150-RC

Polypropylene, Homopolymer

Product Description

Hostalen PP H2150-RC is a natural, nucleated polypropylene homopolymer for extrusion with high melt viscosity and a superior resistance to slow crack propagation. The product has a high heat stability.

The material Hostalen PP H2150-RC has been certified by ISO9080 and according to ISO12162 as PP100.

For further details about the suitable applications for this material please contact LyondellBasell. For regulatory information please refer to the *Hostalen PP H2150-RC Product Stewardship Bulletin (PSB)*.

Hostalen PP H2150-RC is not intended for medical and pharmaceutical applications.

Product Characteristics

Status Commercial: Active

Test Method used ISO

Availability Europe

Processing Methods Extrusion Pipe Sheet and Semi Finished Products

Features Antioxidant, Homopolymer, Nucleated

Typical Customer Applications Industrial, Panels & Profiles, Pipes

| Typical Properties | Method | Value | Unit |
|---|---------------|-------|----------|
| Physical | | | |
| Melt flow rate (MFR) | ISO 1133 | | |
| (230 °C/5.0 kg g/10 min) | | 1.3 | g/10 min |
| (230 °C/ 2.16 kg g/10 min) | | 0.3 | g/10 min |
| Mechanical | | | |
| Tensile Modulus (23 °C, v = 1 mm/min, Secant) | ISO 527-1, -2 | 1400 | MPa |
| Note: measured after 48 hours | | | |
| Tensile Strain at Yield (23 °C) | ISO 527-1, -2 | 10 | % |
| Tensile Strain at Break | ISO 527-1, -3 | 500 | % |
| Tensile stress at yield | ISO 527 | 36 | MPa |
| MRS classification | ISO 9080 | 10 | MPa |
| Impact | | | |
| Charpy notched impact strength | ISO 179 | | |
| (0°C °C) | | 6 | kJ/m² |
| (23 °C) | | 61 | kJ/m² |
| Thermal | | | |
| Melting temperature | DSC | 153 | °C |

Additional Properties

Processing: The recommended conditions will depend on the type of equipment in use and the size and wall thickness of the pipe or profile.

Recommended melt temperatures: 200-230 °C

Recommended injection moulding temperatures: 200-280 °C

Recommended extrusion temperatures: 200-230 °C