

Technical Data Sheet

Purell HF570R

Polypropylene, Homopolymer



Product Description

Purell HF570R is a powder form homopolymer for extrusion/injection moulding and compounding applications. It offers a good stiffness/impact balance and has a fine and very regular particle size distribution.

Purell HF570R is designed for production of compounds and masterbatches.

All potential activities for applications in the pharmaceutical, medical device, laboratory and diagnostics area have to be discussed with the relevant Technical and Business contacts first. To discuss a medical/pharmaceutical application please contact your local Lyondellbasell reference or your local Distributor.

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| Application | Compounding; Healthcare Applications |
| Market | Healthcare |
| Processing Method | Compounding |
| Attribute | Autoclavable; Ethylene Oxide Sterilisation; Homopolymer; Low Warpage; Medium Flow; Medium Stiffness |

| Typical Properties | Nominal | | Test Method |
|------------------------------------|----------------|-------------------|--------------------|
| | Value | Units | |
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 22 | g/10 min | ISO 1133-1 |
| Density | 0.90 | g/cm ³ | ISO 1183-1 |
| Mechanical | | | |
| Flexural Modulus | 1400 | MPa | ISO 178 |
| Thermal | | | |
| Vicat Softening Temperature, (A50) | 154 | °C | ISO 306 |