

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.

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

Typical Properties	Nominal Value	Units	Test Method
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