

Purell HP548N

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Purell HP548N is a homopolymer for injection moulding with nucleation and antistatic additivation.

Purell HP548N exhibits good stiffness and flowability.

Without exception, 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 Distributor or your local LyondellBasell contact.

For regulatory information please refer to Purell HP548N Product Stewardship Bulletin (PSB)

General Information			
Additive	Antistatic Nucleating Agent		
Features	Antistatic Good Flow Good Stiffness Homopolymer Nucleated		
Uses	Caps Closures Medical/Healthcare Applications		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	78.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1700	MPa	ISO 527-2
Tensile Stress (Yield)	36.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	9.0	%	
Break	> 50	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.5	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	95.0	°C	ISO 75-2/B

Vicat Softening Temperature			
--	154	°C	ISO 306/A50
--	94.0	°C	ISO 306/B50

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