

Pro-fax PD702NW

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Pro-fax PD702NW nucleated polypropylene homopolymer resin is available in pellet form. This resin is typically used in injection molding applications and offers excellent processability.

For regulatory compliance information see Pro-fax PD702NW Product Stewardship Bulletin (PSB).

Without exception, all potential activities for applications in the pharmaceutical, medical device, laboratory and diagnostics area have to be discussed with the relevant Technical (P & AD) and Business contacts first.

General Information			
UL YellowCard	E363154-101519031		
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Fast Molding Cycle		
	Good Processability		
	Good Stiffness		
	Homopolymer		
	Nucleated		
Uses	Caps		
	Closures		
	Containers		
	Medical/Healthcare Applications		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	33.0	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus - 1% Secant ²	1380	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	110	°C	ASTM D648

NOTE

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| 1. | 50 mm/min |
| 2. | 1.3 mm/min |

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