

Pro-fax PD702

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Pro-fax PD702 polypropylene homopolymer is available in pellet form. This resin is typically used in injection molding applications. For regulatory compliance information see Pro-fax PD702 Product Stewardship Bulletin (PSB).

General Information			
UL YellowCard	E363154-101519029		
Features	Good Dimensional Stability		
	Good Processability		
Uses	Caps		
	Closures		
	Containers		
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)	31.0	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus - 1% Secant ²	1170	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	88.0	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	1.3 mm/min		

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Recommended distributors for this material

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