

Pro-fax 7523

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

Pro-fax 7523 impact polypropylene copolymer is available in pellet form. This resin is typically used in injection molding applications and offers good cold temperature impact resistance.

An ASTM and ISO-based versions of the technical datasheet are available for Pro-fax 7523

For regulatory compliance information see Pro-fax 7523 Product Stewardship Bulletin (PSB).

General Information			
Features	Good Heat Aging Resistance		
	Good Impact Resistance		
	Good Stiffness		
	Impact Copolymer		
	Low Temperature Impact Resistance		
Uses	Appliances		
	Automotive Applications		
	Sporting Goods		
	Toys		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	0.898	g/cm ³	ASTM D792B
--	0.900	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield ¹	28.0	MPa	ASTM D638
Yield, 23°C	26.0	MPa	ISO 527-2
Tensile Elongation			
Yield	9.0	%	ASTM D638
Yield, 23°C	9.0	%	ISO 527-2
Flexural Modulus			
1% Secant ²	1240	MPa	ASTM D790A
23°C	1220	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method

Charpy Notched Impact Strength			ISO 179
-40°C	2.5	kJ/m ²	
23°C	10	kJ/m ²	
Notched Izod Impact			
23°C	85	J/m	ASTM D256A
23°C	9.9	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed	82.0	°C	ASTM D648
0.45 MPa, Unannealed	76.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	49.0	°C	ISO 75-2/A
NOTE			
1.	50 mm/min		
2.	1.3 mm/min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

