

# Pro-fax 7531

Polypropylene Impact Copolymer

LyondellBasell Industries

## Message:

Pro-fax 7531 impact polypropylene copolymer is available in pellet form. This resin is typically used injection molding and extrusion applications and offers good cold temperature impact resistance

For regulatory compliance information see Pro-fax 7531 Product Stewardship Bulletin (PSB).

General Information			
Features	Good Impact Resistance		
	Good Stiffness		
	Impact Copolymer		
	Low Temperature Impact Resistance		
Uses	Containers		
Appearance	Opaque		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm <sup>3</sup>	ASTM D792B
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 <sup>1</sup> (Yield)	28.0	MPa	ASTM D638
Tensile Elongation (Yield)	9.0	%	ASTM D638
Flexural Modulus - 1% Secant <sup>2</sup>	1240	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	85	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	82.0	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	1.3 mm/min		

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