

# Pro-fax SG722

Polypropylene Impact Copolymer

LyondellBasell Industries

## Message:

Pro-fax SG722 fully formulated high impact polypropylene copolymer is available in pellet form. This resin is typically used in injection molding applications and offers very good cold temperature impact resistance.

For regulatory compliance information see Pro-fax SG722 Product Stewardship Bulletin (PSB).

General Information			
UL YellowCard	E363154-101519039		
Additive	Antistatic		
	Medium Slip		
	Nucleating Agent		
Features	Antistatic		
	Good Stiffness		
	High Gloss		
	High Impact Resistance		
	Impact Copolymer		
	Low Temperature Impact Resistance		
	Medium Slip		
	Nucleated		
Uses	Household Goods		
	Sporting Goods		
	Toys		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	23.0	MPa	ASTM D638
Tensile Elongation (Yield)	7.0	%	ASTM D638
Flexural Modulus - 1% Secant <sup>2</sup>	1040	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256A
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45 MPa, Unannealed)	99.0	°C	ASTM D648
Optical	Nominal Value		Test Method
Gloss (60°)	86		ASTM D2457
NOTE			
1.	51 mm/min		
2.	1.3 mm/min		

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#### Recommended distributors for this material

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