

Pro-fax SR549M

Polypropylene Random Copolymer
LyondellBasell Industries

Message:

Pro-fax SR549M clarified polypropylene random copolymer is available in pellet form. This resin is typically used in injection molding and injection-stretch blow molding applications and offers good see-through and contact clarity.
For regulatory compliance information see Pro-fax SR549M Product Stewardship Bulletin (PSB).

General Information			
Additive	Antistatic		
	Clarifier		
Features	Antistatic		
	Contact Clarity		
	Good Impact Resistance		
	High Clarity		
	Random Copolymer		
Uses	Caps		
	Closures		
	Containers		
Forms	Pellets		
Processing Method	Injection Blow Molding		
	Stretch Blow 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)	11	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	30.0	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus - 1% Secant ²	1110	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	64	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	77.0	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Haze (1140 µm)	7.0	%	ASTM D1003

NOTE

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

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