

# Pro-fax RP548N

Polypropylene Random Copolymer  
LyondellBasell Industries

Message:

Pro-fax RP548N nucleated polypropylene random copolymer is available in pellet form. This resin is typically used in injection molding applications and offers fast crystallization and antistatic properties.  
For regulatory compliance information see Pro-fax RP548N Product Stewardship Bulletin (PSB).

General Information			
Additive	Nucleating Agent		
Features	Antistatic		
	Good Processability		
	Nucleated		
	Random Copolymer		
Uses	Caps		
	Closures		
	Containers		
Forms	Pellets		
Processing Method	Injection Molding		
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)	11	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)	13	%	ASTM D638
Flexural Modulus - 1% Secant <sup>2</sup>	1000	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)	82.0	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Haze (1000 µm)	40	%	ASTM D1003
NOTE			
1.	50 mm/min		
2.	1.3 mm/min		

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Recommended distributors for this material

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