



Pro-fax RP548N

Polypropylene, Random Copolymer

Product Description

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).

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	North America
Processing Methods	Injection Molding
Features	Antistatic, Good Processability
Typical Customer Applications	Caps & Closures, Containers

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity <i>Note: 23/23°C Method B</i>	ASTM D 792	0.90	
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	11	g/10 min
Mechanical			
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1.3 mm/min, 1% Secant, Procedure A)	ASTM D 790	145000 1000	psi MPa
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	4000 28	psi MPa
Tensile Elongation @ Yield	ASTM D 638	13	%
Impact			
Notched Izod Impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	1.2 64	ft-lb/in J/m
Thermal			
Deformation Temperature Under Load (66 psi) (0.45 MPa) <i>Note: Unannealed</i>	ASTM D 648	180 82	°F °C
Optical			
Haze (45 mil, 1.14 mm)	ASTM D 1003	40	%

Notes

Typical properties; not to be construed as specifications.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

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This product(s) may not be used in:

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All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

Users should review the applicable Material Safety Data Sheet before handling the product.

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