



Pro-fax RP320N

Polypropylene, Random Copolymer

Product Description

Pro-fax RP320N barefoot polypropylene random copolymer is available in pellet form. This resin is typically used in cast film applications and offers exceptional clarity and gloss, as well as improved cold temperature impact resistance and broader heat seal range compared to homopolymer polypropylene.

For regulatory compliance information see Pro-fax RP320N Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	North America
Processing Methods	Cast Film
Features	Opticals, Good Processability
Typical Customer Applications	Bags & Pouches, Breathable Film, Film Wrap, Foamed Sheet, Food Packaging Film, Heavy Duty Packaging, Hygiene Film, Peelable Film, Stationery Film, Stretch Hood, Stretch Wrap Film, Twist Wrap Film

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity Note: 23/23°C Method B	ASTM D 792	0.90	
Melt Flow Rate	ASTM D 1238	12	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	135000 930	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	0.9 48	ft-lb/in J/m
Thermal			
Deformation Temperature Under Load (66 psi) (0.45 MPa) Note: Unannealed	ASTM D 648	170 77	°F °C

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

For the contact details of the LyondellBasell company selling this product in your country, please visit <http://www.lyb.com/>.

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This product(s) may not be used in:

(i) any U.S. FDA Class I, Health Canada Class I, and/or European Union Class I Medical Devices, without prior notification to Seller for each specific product and application; or

(ii) the manufacture of any of the following, without prior written approval by Seller for each specific product and application: (1) U.S. FDA Class II, Health Canada Class II or Class III, and/or European Union Class II Medical Devices; (2) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices; (3) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration; (4) tobacco related products and applications; (5) electronic cigarettes and similar devices; and (6) pressure pipe or fittings that are considered a part or component of a nuclear reactor.

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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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