



Pro-fax 6329

Polypropylene, Homopolymer

Product Description

Pro-fax 6329 polypropylene homopolymer is available in pellet form. This resin is typically used in injection molding applications and offers good resistance to aging at elevated temperatures in both wet and dry environments.

For regulatory compliance information see Pro-fax 6329 Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	North America
Processing Methods	Injection Molding
Features	Good Chemical Resistance, High ESCR (Environmental Stress Cracking Resistance), Good Processability
Typical Customer Applications	Caps & Closures, Furniture, Housewares

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	14	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	170000 1170	psi MPa
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	4600 32	psi MPa
Tensile Elongation @ Yield	ASTM D 638	13	%
Impact			
Notched Izod Impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	0.7 37	ft-lb/in J/m
Thermal			
Deformation Temperature Under Load (66 psi) (0.45 MPa) <i>Note: Unannealed</i>	ASTM D 648	205 96	°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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