



Pro-fax RP482V

Polypropylene, Random Copolymer

Product Description

Pro-fax RP482V clarified, easy molding very high melt flow polypropylene random copolymer is available in pellet form. This resin is typically used in injection molding applications requiring excellent processability and good see-through and contact clarity.

For regulatory compliance information see Pro-fax RP482V Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	North America
Processing Methods	Injection Molding
Features	Antistatic, Clarity, Contact, High Flow
Typical Customer Applications	Clear Containers, Multi Media Packaging

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity (Method B)	ASTM D 792	0.90	sp gr 23/23°C
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	125	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790		
(0.05 in/min, 1% Secant, Procedure A)		145,000	psi
(1 mm/min, 1% Secant, Procedure A)		1,000	MPa
Tensile Strength @ Yield	ASTM D 638		
(2 in/min)		4,000	psi
(50 mm/min)		28	MPa
Tensile Elongation @ Yield	ASTM D 638	13	%
Impact			
Notched Izod Impact	ASTM D 256		
(73 °F, Method A)		0.7	ft-lb/in
(23 °C, Method A)		37	J/m
Gardner Impact	ASTM D 5420		
(73 °F, Geometry GC)		105	in-lbs
(23 °C, Geometry GC)		12	J
Thermal			
DTUL @66psi - Unannealed	ASTM D 648		
(66psi)		176	°F
(0.45MPa)		80	°C
Optical			
Haze (45 mil)	ASTM D 1003	15	%

Notes

Typical properties; not to be construed as specifications.

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LyondellBasell markets this product through the following entities:

- 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.

(iii) Additionally, the product(s) may not be used in: (1) U.S. FDA Class III, Health Canada Class IV, and/or European Class III Medical Devices; (2) applications involving permanent implantation into the body; (3) life-sustaining medical applications; and (4) lead, asbestos or MTBE related applications.

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

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

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