



Pro-fax 6323

Polypropylene, Homopolymer

Product Description

Pro-fax 6323 general purpose polypropylene homopolymer is available in pellet form. This resin is typically used in injection molding applications.

An ASTM and ISO-based versions of the technical datasheet are available for *Pro-fax* 6323.

For regulatory compliance information see *Pro-fax* 6323 Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Commercial: Active
Test Method used	ISO ASTM
Availability	North America
Processing Methods	Injection Molding
Features	High ESCR (Environmental Stress Cracking Resistance), Good Heat Aging Resistance , Good Stiffness
Typical Customer Applications	Automotive Parts, Caps & Closures, Containers, Sports, Leisure and Toys

Typical Properties	Method	Value	Unit
Physical			
Density - Specific Gravity Note: 23/23°C Method B	ASTM D 792	0.90	
Melt Flow Rate (230°C/2.16kg)	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	210000 1450	psi MPa
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	4900 34	psi MPa
Tensile Elongation @ Yield	ASTM D 638	11	%
Impact			
Notched Izod Impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	0.6 32	ft-lb/in J/m
Thermal			
Deformation Temperature Under Load (66 psi) (0.45 MPa) Note: Unannealed	ASTM D 648	200 93	°F °C

Additional Properties

AUTOMOTIVE SPECIFICATIONS:
Chrysler MS-DB500 CPN 2571

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

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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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