



Pro-fax 8523

Polypropylene, Impact Copolymer

Product Description

Pro-fax 8523 very high impact polypropylene copolymer is available in pellet form. This resin is typically used in extrusion or injection molding applications and offers excellent low temperature impact resistance.

An ASTM and ISO-based versions of the technical datasheet are available for *Pro-fax* 8523.

For regulatory compliance information see *Pro-fax* 8523 Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Commercial: Active
Test Method used	ISO ASTM
Availability	North America
Processing Methods	Injection Molding
Features	Low Temperature Impact Resistance
Typical Customer Applications	Automotive Parts, Other Industrial

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	4	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	140000 965	psi MPa
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	3100 21	psi MPa
Tensile Elongation @ Yield	ASTM D 638	8	%
Impact			
Notched Izod Impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	No Break No Break	
Thermal			
Deformation Temperature Under Load (66 psi) (0.45 MPa) <i>Note: Unannealed</i>	ASTM D 648	165 74	°F °C

Additional Properties

AUTOMOTIVE SPECIFICATIONS:
Chrysler MS-DB500 CPN 3478

GM GMP.PP.014

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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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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