



Pro-fax SG702

Polypropylene, Impact Copolymer

Product Description

Pro-fax SG702 high impact polypropylene copolymer is available in pellet form. This resin is typically used in injection molding applications and offers very good cold temperature impact resistance.

An ASTM and ISO-based versions of the technical datasheet are available for Pro-fax SG702.

For regulatory compliance information see Pro-fax SG702 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, Interior Applications, 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	18	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	150000 1035	psi MPa
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	2900 20	psi MPa
Tensile Elongation @ Yield	ASTM D 638	6	%
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) Note: Unannealed	ASTM D 648	180 82	°F °C

Additional Properties

AUTOMOTIVE SPECIFICATIONS:

Chrysler MS-DB500 CPN 2073

Chrysler MS-DB500 CPN 3047

Ford ESB-M4D500-A

Ford WSK-M4D604-A

Ford WSS-M4D638-C

Ford WSS-M4D638-D2

GM GMP.PP.037

GM GMP.PP.123

GM GMW16008-T1

GM GMW16208-T5

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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(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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