



Pro-fax SB891

Polypropylene, Impact Copolymer

Product Description

Pro-fax SB891 impact polypropylene copolymer is available in pellet form. This resin is typically used in injection molding applications and offers a very good stiffness/impact balance.

An ASTM and ISO-based versions of the technical datasheet are available for Pro-fax SB891.

For regulatory compliance information see Pro-fax SB891 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, Good Stiffness , Low Warpage
Typical Customer Applications	Caps & Closures, Interior Applications, Opaque Containers, Sports, Leisure and Toys

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	35	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	180000 1240	psi MPa
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	3800 26	psi MPa
Tensile Elongation @ Yield	ASTM D 638	6	%
Impact			
Notched Izod Impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	1.0 53	ft-lb/in J/m
Thermal			
Deformation Temperature Under Load (66 psi) (0.45 MPa) <i>Note: Unannealed</i>	ASTM D 648	195 91	°F °C

Additional Properties

AUTOMOTIVE SPECIFICATIONS:
Chrysler MS-DB500 CPN 4463

Chrysler MS-DB500 CPN 4466
Ford WSB-M4D638-A
GM GMP.PP.001
GM GMP.PP.002
GM GMP.PP.006
GM GMP.PP.033
GM GMW16208-T1

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 Safety Data Sheet before handling the product.

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