



Pro-fax SB786

Polypropylene, Impact Copolymer

Product Description

Pro-fax SB786 impact polypropylene copolymer is available in pellet form. This resin is typically used in injection molding applications and offers good cold temperature impact and blush resistance.

An ASTM and ISO-based versions of the technical datasheet are available for *Pro-fax* SB786

For regulatory compliance information see "*Pro-fax* SB786 Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Commercial: Active
Test Method used	ISO ASTM
Availability	North America
Processing Methods	Injection Molding
Features	Blush Resistant, Low Temperature Impact Resistance, Good Stiffness
Typical Customer Applications	Battery Cases, Other Industrial

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	8	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	160000 1105	psi MPa
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	3700 26	psi MPa
Tensile Elongation @ Yield	ASTM D 638	8	%
Impact			
Notched Izod Impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	1.6 85	ft-lb/in J/m
Thermal			
Deformation Temperature Under Load (66 psi) (0.45 MPa) Note: Unannealed	ASTM D 648	175 79	°F °C

Additional Properties

AUTOMOTIVE SPECIFICATIONS:
Chrysler MS-DB500 CPN 4168

Chrysler MS-DB500 CPN 4467
Ford ESB-M4D175-A
Ford WSB-M4D638-A

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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