



Pro-fax 7523

Polypropylene, Impact Copolymer

Product Description

Pro-fax 7523 impact polypropylene copolymer is available in pellet form. This resin is typically used in injection molding applications and offers good cold temperature impact resistance.

An ASTM and ISO-based versions of the technical datasheet are available for *Pro-fax* 7523

For regulatory compliance information see *Pro-fax* 7523 Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Commercial: Active
Test Method used	ISO ASTM
Availability	North America
Processing Methods	Injection Molding
Features	Good Heat Aging Resistance , Good Impact Resistance , Good Stiffness
Typical Customer Applications	Automotive Parts, Small Appliances, Sports, Leisure and Toys

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	4	g/10 min
Density (23°C)	ISO 1183	0.90	g/cm ³
Note: Method A			
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	26	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	9	%
Flexural modulus (23 °C)	ISO 178	1220	MPa
Impact			
Charpy notched impact strength (23 °C)	ISO 179	10.1	kJ/m ²
(-40 °C)		2.5	kJ/m ²
Notched izod impact strength (23 °C)	ISO 180	9.9	kJ/m ²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	76	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	49	°C

Additional Properties

AUTOMOTIVE SPECIFICATIONS:
Chrysler MS-DB500 CPN 4168
Chrysler MS-DB500 CPN 4467
Ford ESB-M4D175-A
GM GMP.PP.001