



Pro-fax 6323

Polypropylene, Homopolymer

Product Description

Pro-fax 6323 general purpose polypropylene homopolymer is available in pellet form. This resin is typically used in injection molding applications.

An ASTM and ISO-based versions of the technical datasheet are available for *Pro-fax* 6323.

For regulatory compliance information see *Pro-fax* 6323 Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Commercial: Active
Test Method used	ISO ASTM
Availability	North America
Processing Methods	Injection Molding
Features	High ESCR (Environmental Stress Cracking Resistance), Good Heat Aging Resistance , Good Stiffness
Typical Customer Applications	Automotive Parts, Caps & Closures, Containers, Sports, Leisure and Toys

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	12	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	31	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	11	%
Flexural modulus (23 °C)	ISO 178	1290	MPa
Impact			
Charpy notched impact strength (23 °C)	ISO 179	4.2	kJ/m ²
Notched izod impact strength (23 °C)	ISO 180	4.1	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 2571

Notes

Typical properties; not to be construed as specifications.