



Pro-fax Ultra SC973

Polypropylene, Impact Copolymer

Product Description

Pro-fax Ultra SC973 high melt flow, fully formulated impact polypropylene copolymer is available in pellet form. This resin is typically used in thin-wall injection molding applications and offers excellent stiffness.

For regulatory compliance information see Pro-fax Ultra SC973 Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	North America
Processing Methods	Injection Molding
Features	Antistatic, High Flow , Nucleated, Medium Slip, Good Stiffness
Typical Customer Applications	Multi Media Packaging, TWIM Food Containers

Typical Properties	Method	Value Unit
Physical		
Density -Specific Gravity (Method B) <i>Note: 23/23°C Method B</i>	ASTM D 792	0.90
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	107 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	215000 psi 1485 MPa
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	4100 psi 28 MPa
Tensile Elongation @ Yield	ASTM D 638	5 %
Impact		
Notched Izod Impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	0.6 ft-lb/in 32 J/m
Thermal		
Deformation Temperature Under Load (66 psi) (0.45 MPa) <i>Note: Unannealed</i>	ASTM D 648	240 °F 116 °C

Notes

Typical properties; not to be construed as specifications.

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- ┆ 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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Users should review the applicable Material Safety Data Sheet before handling the product.

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