

# Pro-fax Ultra SC973

Polypropylene Impact Copolymer

LyondellBasell Industries

## Message:

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).

General Information			
Additive	Antistatic		
	Medium Slip		
	Nucleating Agent		
Features	Antistatic		
	Good Stiffness		
	High Flow		
	Impact Copolymer		
	Medium Slip		
	Nucleated		
Uses	Containers		
	Food Containers		
	Thin-walled Containers		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	110	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	28.0	MPa	ASTM D638
Tensile Elongation (Yield)	5.0	%	ASTM D638
Flexural Modulus - 1% Secant <sup>2</sup>	1490	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	116	°C	ASTM D648
NOTE			
1.	50 mm/min		

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#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

