

# Pro-fax EP349U

Polypropylene Impact Copolymer

LyondellBasell Industries

## Message:

Pro-fax EP349U high flow polypropylene impact copolymer is available in pellet form. This resin is typically used in thin-wall injection molding applications and offers very good low temperature impact resistance.

For regulatory compliance information see Pro-fax EP349U Product Stewardship Bulletin (PSB)

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	High Flow		
	High Impact Resistance		
	Impact Copolymer		
	Low Temperature Impact Resistance		
	Nucleated		
Uses	Household Goods		
	Thin-walled Parts		
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)	80	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	21.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	5.0	%	ASTM D638
Flexural Modulus - 1% Secant <sup>3</sup>	1070	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	120	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	100	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	51 mm/min		
3.	1.0 mm/min		

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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

