

Pro-fax EP390S

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

Pro-fax EP390S high impact polypropylene copolymer is available in pellet form. This resin is typically used in injection molding applications and offers excellent cold temperature impact resistance.

For regulatory compliance information see Pro-fax EP390S Product Stewardship Bulletin (PSB).

General Information			
UL YellowCard	E363154-101519027		
Features	Good Stiffness		
	High Flow		
	Impact Copolymer		
	Low Temperature Impact Resistance		
Uses	Containers		
	Sporting Goods		
	Toys		
Appearance	Opaque		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	21.0	MPa	ASTM D638
Tensile Elongation (Yield)	6.0	%	ASTM D638
Flexural Modulus - 1% Secant ²	930	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	170	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	79.0	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	1.3 mm/min		

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