



Pro-fax EP349U

Polypropylene, Impact Copolymer

Product Description

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)

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	North America
Processing Methods	Injection Molding
Features	Antistatic, High Flow , High Impact Resistance , Nucleated
Typical Customer Applications	Housewares

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity Note: 23/23°C Method B	ASTM D 792	0.90	g/cm³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	80	g/10 min
Mechanical			
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A)	ASTM D 790	155000	psi
(1.3 mm/min, 1% Secant, Procedure A)		1070	MPa
Tensile Strength @ Yield (2 in/min)	ASTM D 638	3100	psi
(50 mm/min)		21	MPa
Tensile Elongation @ Yield Note: (2 in/min)	ASTM D 638	5	%
Impact			
Notched Izod Impact (73 °F, Method A)	ASTM D 256	2.2	ft-lb/in
(23 °C, Method A)		117	J/m
Thermal			
Deformation Temperature Under Load (66 psi)	ASTM D 648	212	°F
(0.45 MPa)		100	°C
Note: Unannealed			

Notes

Typical properties; not to be construed as specifications.