



Pro-fax EP611H

Polypropylene, Impact Copolymer

Product Description

Pro-fax EP611H high impact polypropylene copolymer is available in pellet form. This resin is typically used in extrusion applications and offers very good low temperature impact resistance.

For regulatory compliance information see Pro-fax EP611H Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	North America
Processing Methods	Blown Film, Extrusion Pipe Sheet and Semi Finished Products
Features	Good Dimensional Stability, Durable, Low Temperature Impact Resistance, Good Stiffness
Typical Customer Applications	Corrugated Sheet, Film Wrap, Food Packaging Film

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity <i>Note: 23/23°C Method B</i>	ASTM D 792	0.90	
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	1.8	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	205000 1415	psi MPa
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	4100 28	psi MPa
Tensile Elongation @ Yield	ASTM D 638	8	%
Impact			
Notched Izod Impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	2.8 150	ft-lb/in J/m
Thermal			
Deformation Temperature Under Load (66 psi) (0.45 MPa) <i>Note: Unannealed</i>	ASTM D 648	187 86	°F °C

Notes

Typical properties; not to be construed as specifications.