



## 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

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

Typical Properties	Method	Value	Unit
<b>Physical</b>			
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
<b>Mechanical</b>			
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	%
<b>Impact</b>			
Notched Izod Impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	2.8 150	ft-lb/in J/m
<b>Thermal</b>			
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.