



## Pro-fax EP713H

### Polypropylene, Impact Copolymer

#### Product Description

Pro-fax EP713H nucleated high impact polypropylene copolymer is available in pellet form. This resin is typically used in extrusion applications such as thermoforming, blow molding, and sheet extrusion.

For regulatory compliance information see Pro-fax EP713H 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>	Extrusion Blow Molding, Extrusion Thermoforming
<b>Features</b>	Low Temperature Impact Resistance, Nucleated, High Stiffness
<b>Typical Customer Applications</b>	Bottles For Consumer Goods, Opaque Containers

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	220000 1515	psi MPa
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	4300 30	psi MPa
Tensile Elongation @ Yield	ASTM D 638	7	%
<b>Impact</b>			
Notched Izod Impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	5.5 294	ft-lb/in J/m
<b>Thermal</b>			
Deformation Temperature Under Load (66 psi) (0.45 MPa) <i>Note: Unannealed</i>	ASTM D 648	223 106	°F °C

#### Notes

Typical properties; not to be construed as specifications.