



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

Status	Commercial: Active
Test Method used	ASTM
Availability	North America
Processing Methods	Extrusion Blow Molding, Extrusion Thermoforming
Features	Low Temperature Impact Resistance, Nucleated, High Stiffness
Typical Customer Applications	Bottles For Consumer Goods, Opaque Containers

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	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	%
Impact			
Notched Izod Impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	5.5 294	ft-lb/in J/m
Thermal			
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.