



Pro-fax EP390P

Polypropylene, Impact Copolymer

Product Description

Pro-fax EP390P high impact polypropylene copolymer is available in pellet form. This resin has minimal stabilization, which allows wide design latitude for the compounder. Additional stabilization is required to protect the resin during melt processing and throughout its useful life.

For regulatory compliance information see Pro-fax EP390P Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	North America
Features	Low Temperature Impact Resistance, Good Stiffness
Typical Customer Applications	Impact modification

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	18	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	150000 1035	psi MPa
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	2900 20	psi MPa
Tensile Elongation @ Yield	ASTM D 638	6	%
Impact			
Notched Izod Impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	No Break No Break	
Thermal			
Deformation Temperature Under Load (66 psi) (0.45 MPa) <i>Note: Unannealed</i>	ASTM D 648	180 82	°F °C

Notes

Typical properties; not to be construed as specifications.