



## 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

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

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	18	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	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	%
<b>Impact</b>			
Notched Izod Impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	No Break No Break	
<b>Thermal</b>			
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.