



## Pro-fax PH350

### Polypropylene, Homopolymer

#### Product Description

Pro-fax PH350 general-purpose polypropylene homopolymer is available in spherical particle form. This resin has very minimal stabilization, which allows wide design latitude in compounding applications. Additional stabilization is required to protect the resin during melt processing and throughout its useful life.

For regulatory compliance information see Pro-fax PH350 Product Stewardship Bulletin (PSB).

Please note that any additives compounded into this resin will require a re-assessment of its FDA status.

#### Product Characteristics

<b>Status</b>	Commercial: Active
<b>Test Method used</b>	ASTM
<b>Availability</b>	North America
<b>Processing Methods</b>	Extrusion Compounding
<b>Features</b>	Good Stiffness
<b>Typical Customer Applications</b>	Colour Concentrates

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	3.5	g/10 min
<b>Mechanical</b>			
Flexural Modulus (0.5 in/min, 1% Secant, Procedure A) (1.3 mm/min, 1% Secant, Procedure A)	ASTM D 790	200000 1380	psi MPa
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	4800 33	psi MPa
Tensile Elongation @ Yield	ASTM D 638	12	%
<b>Impact</b>			
Notched Izod Impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	1.0 53	ft-lb/in J/m
<b>Thermal</b>			
Deformation Temperature Under Load (66 psi) (0.45 MPa) <i>Note: Unannealed</i>	ASTM D 648	190 88	°F °C

#### Notes

Typical properties; not to be construed as specifications.