



## Pro-fax RP329N

### Polypropylene, Random Copolymer

#### Product Description

Pro-fax RP329N antiblock-formulated polypropylene random copolymer is available in pellet form. This resin is typically used in cast film applications and offers exceptional clarity and gloss as well as improved cold temperature impact resistance and broader heat seal range compared to homopolymer.

For regulatory compliance information see Pro-fax RP329N 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>	Cast Film
<b>Features</b>	High Antiblocking, Opticals, Good Processability
<b>Typical Customer Applications</b>	Bags & Pouches, Breathable Film, Film Wrap, Food Packaging Film, Heavy Duty Packaging, Hygiene Film, Peelable Film, Stationery Film, Stretch Hood, Stretch Wrap Film, Twist Wrap Film

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	ASTM D 1238	13	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	140000 965	psi MPa
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	4000 28	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	0.8 43	ft-lb/in J/m
<b>Thermal</b>			
Deformation Temperature Under Load (66 psi) (0.45 MPa) <i>Note: Unannealed</i>	ASTM D 648	165 74	°F °C

#### Notes

Typical properties; not to be construed as specifications.