



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

Status	Commercial: Active
Test Method used	ASTM
Availability	North America
Processing Methods	Cast Film
Features	High Antiblocking, Opticals, Good Processability
Typical Customer Applications	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
Physical			
Density -Specific Gravity Note: 23/23°C Method B	ASTM D 792	0.90	
Melt Flow Rate	ASTM D 1238	13	g/10 min
Mechanical			
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A)	ASTM D 790	140000	psi
(1.3 mm/min, 1% Secant, Procedure A)		965	MPa
Tensile Strength @ Yield (2 in/min)	ASTM D 638	4000	psi
(50 mm/min)		28	MPa
Tensile Elongation @ Yield	ASTM D 638	12	%
Impact			
Notched Izod Impact (73 °F, Method A)	ASTM D 256	0.8	ft-lb/in
(23 °C, Method A)		43	J/m
Thermal			
Deformation Temperature Under Load (66 psi)	ASTM D 648	165	°F
(0.45 MPa)		74	°C
Note: Unannealed			

Notes

Typical properties; not to be construed as specifications.