



Pro-fax 6329

Polypropylene, Homopolymer

Product Description

Pro-fax 6329 polypropylene homopolymer is available in pellet form. This resin is typically used in injection molding applications and offers good resistance to aging at elevated temperatures in both wet and dry environments.

For regulatory compliance information see Pro-fax 6329 Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	North America
Processing Methods	Injection Molding
Features	Good Chemical Resistance, High ESCR (Environmental Stress Cracking Resistance), Good Processability
Typical Customer Applications	Caps & Closures, Furniture, Housewares

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	14	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	170000 1170	psi MPa
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	4600 32	psi MPa
Tensile Elongation @ Yield	ASTM D 638	13	%
Impact			
Notched Izod Impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	0.7 37	ft-lb/in J/m
Thermal			
Deformation Temperature Under Load (66 psi) (0.45 MPa) <i>Note: Unannealed</i>	ASTM D 648	205 96	°F °C

Notes

Typical properties; not to be construed as specifications.