



Pro-fax PD702NW

Polypropylene, Homopolymer

Product Description

Pro-fax PD702NW nucleated polypropylene homopolymer resin is available in pellet form. This resin is typically used in injection molding applications and offers excellent processability.

For regulatory compliance information see *Pro-fax* PD702NW Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	North America
Processing Methods	Injection Molding
Features	Antistatic, Fast Cycle (Production) , Nucleated, Good Stiffness
Typical Customer Applications	Caps & Closures, Medical, Opaque Containers

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity <i>Note:</i> 23/23° Method B	ASTM D 792	0.90	
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	35	g/10 min
Mechanical			
Flexural Modulus (.05 in/min, 1% Secant, Procedure A) (1.3 mm/min, 1% Secant, Procedure A)	ASTM D 790	200,000 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	11	%
Impact			
Notched Izod Impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	0.8 43	ft-lb/in J/m
Thermal			
Deformation Temperature Under Load (66 psi) (0.45 MPa) <i>Note:</i> Unannealed	ASTM D 648	230 110	°F °C

Notes

Typical properties; not to be construed as specifications.