



Pro-fax 6331NW

Polypropylene, Homopolymer

Product Description

Pro-fax 6331NW nucleated, easy molding polypropylene homopolymer is available in pellet form. This resin is typically used in injection molding applications.

For regulatory compliance information see Pro-fax 6331NW 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) , High ESCR (Environmental Stress Cracking Resistance), Nucleated, Good Stiffness
Typical Customer Applications	Caps & Closures, Containers, Sports, Leisure and Toys

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	12 g/10 min
Mechanical		
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1.3 mm/min, 1% Secant)	ASTM D 790	240000 psi 1655 MPa
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	5200 psi 36 MPa
Tensile Elongation @ Yield	ASTM D 638	10 %
Impact		
Notched Izod Impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	0.8 ft-lb/in 43 J/m
Thermal		
Deformation Temperature Under Load (66 psi) (0.45 MPa) <i>Note: Unannealed</i>	ASTM D 648	235 °F 113 °C

Notes

Typical properties; not to be construed as specifications.

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- ┆ Equistar Chemicals, LP
- ┆ Basell Sales & Marketing Company B.V.
- ┆ Basell Asia Pacific Limited
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Users should review the applicable Material Safety Data Sheet before handling the product.

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