

Pro-fax 6331NW

Polypropylene Homopolymer

LyondellBasell Industries

Message:

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).

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Good Moldability		
	Good Stiffness		
	High ESCR (Stress Crack Resist.)		
	Homopolymer		
	Nucleated		
Uses	Caps		
	Closures		
	Containers		
	Sporting Goods		
	Toys		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	36.0	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus - 1% Secant ²	1660	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	113	°C	ASTM D648
NOTE			

1.	50 mm/min
2.	1.3 mm/min

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Recommended distributors for this material

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