

Pro-fax 6331NW

Polypropylene Homopolymer
LyondellBasell Industries

Message:

Pro-fax 6331NW polypropylene homopolymer resin is nucleated for fasted crystallization and features antistatic properties and is designed for injection molding.
The base resin in this product meets the requirements of the FDA contained in the Code of Federal Regulations in 21 CFR 177.1520.

General Information			
Additive	Nucleating agent		
	Antistatic property		
Features	Nucleated		
	Rigidity, high		
	Homopolymer		
	Antistatic property		
	Workability, good		
	Fast molding cycle		
	Definition, high		
	Compliance of Food Exposure		
Uses	Shield		
	Household goods		
	Container		
	Shell		
	Toys		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	36.0	MPa	ASTM D638
Tensile Elongation (Yield)	9.7	%	ASTM D638
Flexural Modulus	1580	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	29	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45
MPa, Unannealed)

121

°C

ASTM D648

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