

Pro-fax 6331

Polypropylene Homopolymer
LyondellBasell Industries

Message:

Pro-fax 6331 is general purpose and fiber polypropylene homopolymer, designed for extrusion and 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			
Features	Good dimensional stability		
	Rigidity, high		
	Homopolymer		
	Workability, good		
	Compliance of Food Exposure		
	General		
Uses	monofilament		
	Directional film		
	Shield		
	Household goods		
	cast film		
	General		
	Shell		
	Filament		
	Fiber		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Particle		
Processing Method	Extrusion		
	cast film		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792A
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)	34.0	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus	1350	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256A

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	95.0	°C	ASTM D648

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