Pro-fax 6231N

Polypropylene Homopolymer

INDELPRO, S.A. de C.V.

Message:

Profax 6231N is a high melt flow homopolymer with a narrow molecular weight distribution designed for spundbond and continuous filament applications that require superior spinnability and finer fibers. This product can be used for thin-wall injection molding. Profax 6231N is available in pellet form.
The base resin in this product meets the requirements of the FDA contained in the Code of Federal Regulations in 21 CFR 177.1520.
Features:
Controlled molecular weight distribution
High melt flow for short injection cycles
Good processing stability
Excellent dimensional stability
Excellent stability for high speed fiber spinning
Typical Applications:
Thin-wall injection
Caps
Fiber extrusión
Continuous filament

General Information	
Features	High Dimensional Stability
	Homopolymer
	Good processing stability
	High liquidity
	Narrow molecular weight distribution
Uses	Thin wall parts
	Spunbond
	Shield
	Filament
	Fiber
Agency Ratings	FDA 21 CFR 177.1520
Forms	Particle
Processing Method	Fiber (spinning) extrusion
	Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	36.0	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638

Flexural Modulus	1300	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	30	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	109	°C	ASTM D648

Recommended distributors for this material

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