

Pro-fax PL806N

Polypropylene Homopolymer

INDELPRO, S.A. de C.V.

Message:

Pro-fax PL806N is a high melt flow polypropylene homopolymer and it is formulated for yellowness resistance. It has narrow molecular weight distribution designed for spundbond and continuous filament applications that require superior spinnability and finer fibers. This product can be used 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

Features	Controlled Rheology Food Contact Acceptable Good Color Stability Good Processability Good Processing Stability High Flow Homopolymer Narrow Molecular Weight Distribution
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Uses	Containers Fabrics Fibers Filaments Spun Bonding Thin-walled Containers
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Agency Ratings	FDA 21 CFR 177.1520
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Forms	Pellets
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Processing Method	Fiber (Spinning) Extrusion Injection Molding Spunbond Nonwovens
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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)	36	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.0	MPa	ASTM D638
Tensile Elongation (Yield)	9.5	%	ASTM D638
Flexural Modulus	1350	MPa	ASTM D790
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)	110	°C	ASTM D648

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