

Pro-fax PL874

Polypropylene Homopolymer

INDELPRO, S.A. de C.V.

Message:

Pro-fax PL874 is a high melt flow polypropylene homopolymer with a narrow molecular weight distribution designed continuous filament applications for finer fibers. This product can be used for extrusion coating 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	Controlled Rheology		
	Food Contact Acceptable		
	Good Dimensional Stability		
	Good Processing Stability		
	High Flow		
	Homopolymer		
	Narrow Molecular Weight Distribution		
Uses	Coating Applications		
	Fibers		
	Filaments		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Extrusion Coating		
	Fiber (Spinning) Extrusion		
	Filament Extrusion		
	Injection Molding		
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)	34	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.0	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus	1400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	107	°C	ASTM D648

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