

Pro-fax PL390N

Polypropylene Homopolymer

INDELPRO, S.A. de C.V.

Message:

Profax PL390N is a high cristallinity homopolymer specially designed for extrusion and thermoforming. PL390N presents very high echanical properties providing good mechanical stability to the final application. Profax PL390N 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:
- Very high cristallinity
 - Gives mechanical stability
 - Excellent mechanical properties
 - Good transparency
 - High heat deflection temperature
- Typical Applications:
- Extrusion
 - Thermoforming

General Information			
Additive	Clarifier		
Features	High crystallization		
	Homopolymer		
	Definition, high		
Uses	Thermoforming Applications		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Particle		
Processing Method	Extrusion		
	Thermoforming		

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)	3.0	g/10 min	ASTM D1238

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	39.0	MPa	ASTM D638
Tensile Elongation (Yield)	5.2	%	ASTM D638
Flexural Modulus	1950	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	28	J/m	ASTM D256A

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	131	°C	ASTM D648

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