

Pro-fax PL395N

Polypropylene Homopolymer

INDELPRO, S.A. de C.V.

Message:

Profax PL395N is a high cristallinity homopolymer specially designed for extrusion and thermoforming. PL395N presents very high chanical properties providing good mechanical stability to the final application. Profax PL395N 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)	6.2	%	ASTM D638
Flexural Modulus	1920	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	123	°C	ASTM D648

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