

Pro-fax SL316

Polypropylene Homopolymer

INDELPRO, S.A. de C.V.

Message:

Pro-fax SL316 is a polypropylene homopolymer resin, designed for the production of biaxially oriented polypropylene films (BOPP). Potential uses include metallized film applications, both as monolayer film and in coextruded structures (core layer of coextruded film). Profax SL316 offers a good processing for high velocity lines. Typical customer application includes BOPP general film, metallized film and tobacco film. The base resin in this product meets the requirements of the U.S. Food and Drug Administration (FDA) contained in the Code of Federal Regulations in 21 CFR 177.1520.

General Information	
Features	Barrier Resin
	Food Contact Acceptable
	Good Processability
	Good Stiffness
	High Clarity
	High Gloss
	Homopolymer
	Metallizable
	Opticals
Uses	Bi-axially Oriented Film
	Cast Film
	Film
Agency Ratings	FDA 21 CFR 177.1520
Forms	Pellets
Processing Method	Bi-axially Oriented Film
	Blow Molding
	Cast Film
	Coextruded Film
	Injection Molding
	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)	35.0	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus	1500	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	36	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Melting Temperature (DSC)	158	°C	ASTM D3417
Peak Crystallization Temperature (DSC)	109	°C	ASTM D3417

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