

Pro-fax PL338

Polypropylene Homopolymer

INDELPRO, S.A. de C.V.

Message:

Profax PL338 is High Crystalline Propylene Homopolymer with an extremely high stiffness, barrier properties, high gloss, good transparency and capable of maintaining mechanical properties even at high temperatures. It is designed for BOPP, CAST film applications where high rigidity and very good thermal characteristics are required.

Main applications include packaging tapes and high stiffness (TPP), flowers and textile packaging, sterilizable and pasteurizable food packaging, printing lamination, tobacco film and compounding products.

The base resin in Profax PL338 meets the FDA requirements contained in the Code of Federal Regulations in 21 CFR 177.1520.

General Information	
Features	Barrier Resin Food Contact Acceptable Good Sterilizability High Clarity High Gloss High Rigidity High Stiffness Highly Crystalline Homopolymer
Uses	Bi-axially Oriented Film Cast Film Film Laminates Packaging Tape
Agency Ratings	FDA 21 CFR 177.1520
Forms	Pellets
Processing Method	Bi-axially Oriented Film Cast Film

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	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)	38.0	MPa	ASTM D638
Tensile Elongation (Yield)	7.0	%	ASTM D638

Flexural Modulus	1930	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	33	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	100	°C	ASTM D648

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