

Pro-fax PI610

Polypropylene Homopolymer

INDELPRO, S.A. de C.V.

Message:

Profax PI610 is a polypropylene homopolymer designed for easy injection molding. Profax PI610 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.

General Information			
Features	Fast Molding Cycle		
	Food Contact Acceptable		
	Good Processability		
	Homopolymer		
	Low Odor Transfer		
	Low Taste Transfer		
Uses	Closures		
	Containers		
	Filaments		
	Household Goods		
	Monofilaments		
	Thin-walled Containers		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	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)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.0	MPa	ASTM D638
Tensile Elongation (Yield)	14	%	ASTM D638
Flexural Modulus	847	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)	75.0	°C	ASTM D648

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