

Pro-fax 6431

Polypropylene Homopolymer
INDELPRO, S.A. de C.V.

Message:

Pro-fax 6431 is general purpose polypropylene homopolymer, designed for extrusion of mono-oriented film (CAST film) and not contained slip and antiblock. Exhibits low organoleptic properties, good stiffness and good clarity.
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	Food Contact Acceptable		
	General Purpose		
	Good Organoleptic Properties		
	Good Processing Stability		
	Good Stiffness		
	High Clarity		
	Homopolymer		
Uses	Cast Film		
	Closures		
	General Purpose		
	Non-oriented Film		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Cast Film		
	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)	9.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.0	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus	1200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	86.1	°C	ASTM D648

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