

Pro-fax PL505

Polypropylene Homopolymer

INDELPRO, S.A. de C.V.

Message:

Pro-fax PL505 is a high melt flow polypropylene homopolymer with a narrow molecular weight distribution designed for spundbond and continuous filament applications that require superior spinnability and finer fibers.

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	Controlled Rheology
	Food Contact Acceptable
	Good Processability
	Good Processing Stability
	High Flow
	Homopolymer
	Narrow Molecular Weight Distribution
Uses	Fabrics
	Filaments
	Household Goods
	Spun Bonding
Agency Ratings	FDA 21 CFR 177.1520
Forms	Pellets
Processing Method	Fiber (Spinning) Extrusion
	Spunbond Nonwovens

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)	10	%	ASTM D638
Flexural Modulus	1260	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)	95.0	°C	ASTM D648

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