

# Pro-fax SL872NW

Polypropylene Impact Copolymer

INDELPRO, S.A. de C.V.

## Message:

Profax SL872NW is a medium impact copolymer nucleated for fast crystallization that exhibits antistatic properties. Features include good impact resistance at low temperatures, excellent dimensional stability and a good stiffness/impact balance.

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

### Features:

Good stiffness/impact balance

Shorter molding cycles

High dimensional stability

Antistatic additive

### Typical Applications:

Housewares

Appliances

Toys

Packaging for discs

General Information			
Additive	Nucleating agent		
	Antistatic property		
Features	High Dimensional Stability		
	Nucleated		
	Impact copolymer		
	Antistatic property		
	High liquidity		
	Low temperature impact resistance		
	Medium impact resistance		
Uses	Packaging		
	Electrical appliances		
	Household goods		
	Toys		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	55	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.0	MPa	ASTM D638
Tensile Elongation (Yield)	5.0	%	ASTM D638

Flexural Modulus	1310	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	59	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	110	°C	ASTM D648

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