

# Pro-fax SLY233

Polypropylene Random Copolymer

INDELPRO, S.A. de C.V.

## Message:

Profax SLY233 is a random copolymer with very low melt flow designed for extrusion in general.  
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:

- High temperature processing
- Excellent melt stability
- High impact resistance

Typical Applications:

- Hot and cold water piping
- Fittings
- Injection
- Sheets

General Information	
Features	High melt stability Impact resistance, high Low liquidity Random copolymer
Uses	Piping system Accessories Sheet
Agency Ratings	FDA 21 CFR 177.1520
Forms	Particle
Processing Method	Extrusion Injection molding

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)	0.55	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.0	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus	870	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	360	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	88.0	°C	ASTM D648

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