

# SLY233

## POLYPROPYLENE, RANDOM COPOLYMER WITH FRACTIONAL MELT FLOW

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

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### Profax SLY233: RANDOM COPOLYMER FOR EXTRUSION AND INJECTION

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Typical resin properties <sup>(a)</sup>	Typical Value	ASTM Method <sup>(b)</sup>
- Melt flow rate (MFR), dg/min	0.55	D1238
- Tensile strength at yield, psi (MPa)	3,770 (26)	D638
- Elongation at yield, %	12.7	D638
- Notched Izod impact strength at 73°F, ft-lb/in (J/m)	7.0 (357)	D256A
- Flexural modulus at 77°F, psi (MPa)	126,150 (870)	D790
- Density, g/cm <sup>3</sup>	0.9	D792
- Heat Deflection Temperature at 66 psi (0.46 MPa), °F (°C)	190 (88)	D648

(a) Values shown are averages not to be construed as product specifications. These values may shift as additional data are accumulated.

(b) ASTM methods are the latest under the Society's current procedures. All specimens are prepared by injection molding.

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