PP

Moplen® EP1X34F

LyondellBasell

Position #115 · Jinsutong Reference Catalog 2026

Resin Overview

PP · Impact Copolymer, Extrusion. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	LyondellBasell
Category	PP · Impact Copolymer, Extrusion
Typical Use	Impact PP for extrusion, automotive

Key Properties

MFR (230°C/2.16 kg)	0.8 g/10min
Density	0.90 g/cm³
Tensile Strength at Yield	28 MPa
Tensile Modulus	1300 MPa
Elongation at Break	500%
Notched Izod Impact (23°C)	50 kJ/m²
HDT (0.45 MPa)	95 °C
Color	Natural

Key Features

- Impact copolymer PP
- Low MFR (0.8) for extrusion quality
- High impact strength
- Suitable for sheet and film

Processing Conditions

Melt Temperature	200-240 °C
Mold Temperature	30-60 °C
Drying	Not required
Processing Methods	Sheet extrusion, blow molding

Typical Applications

- Sheet extrusion
- Impact-modified film
- Automotive under-body
- Industrial packaging

Regulatory & Compliance

- FDA 21 CFR 177.1520
- RoHS compliant

> ⚠ All data sourced from public manufacturer catalogs.

Contact
Mr. Mo Hailong (莫海龙) — Business Manager · +86 138 1603 7020 · 13816037020@139.com
Shanghai Jinsutong Plastics Co., Ltd. · 1st Building, 5601 Yanqian Road, Fengxian District, Shanghai

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