PP

Moplen® EPF30R

LyondellBasell

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Resin Overview

PP · 30% Glass Fiber, Black. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	LyondellBasell
Category	PP · 30% Glass Fiber, Black
Typical Use	High stiffness structural, automotive

Key Properties

MFR (230°C/2.16 kg)	4 g/10min
Density	1.12 g/cm³
Tensile Strength at Break	85 MPa
Tensile Modulus	6500 MPa
Elongation at Break	3%
HDT (1.8 MPa)	150 °C
Flexural Modulus	6000 MPa
Color	Black

Key Features

- 30% glass for high stiffness
- Black pre-compounded
- Suitable for metal replacement
- LyondellBasell quality

Processing Conditions

Melt Temperature	220-260 °C
Mold Temperature	40-80 °C
Drying	2 h @ 80 °C
Processing Methods	Injection molding

Typical Applications

- Automotive structural
- Metal replacement
- Premium structural
- High-modulus parts

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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