PC

Makrolon® 2458 Black

Covestro

Position #106 · Jinsutong Reference Catalog 2026

Resin Overview

PC · 10% Glass, Black. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Covestro
Category	PC · 10% Glass, Black
Typical Use	Black structural, automotive

Key Properties

MVR (300°C/1.2 kg)	10 cm³/10min
Density	1.27 g/cm³
Tensile Strength at Yield	72 MPa
Tensile Modulus	3700 MPa
Elongation at Break	5%
HDT (1.8 MPa)	138 °C
Flexural Modulus	3500 MPa
Color	Black

Key Features

- 10% glass for higher stiffness
- Black pre-compounded
- Good for automotive interior
- Higher heat resistance than unmodified PC

Processing Conditions

Melt Temperature	280-320 °C
Mold Temperature	80-110 °C
Drying	4 h @ 120 °C in desiccant dryer
Processing Methods	Injection molding

Typical Applications

- Automotive interior trim
- Instrument panel components
- Structural housings
- Premium consumer goods

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ 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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