PC

Makrolon® 2456 Black

Covestro

Position #105 • Jinsutong Reference Catalog 2026

Resin Overview

PC · Black, Easy Release. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Covestro
Category	PC · Black, Easy Release
Typical Use	Black pre-compounded PC with easy release

Key Properties

MVR (300°C/1.2 kg)	14 cm³/10min
Density	1.20 g/cm³
Tensile Strength at Yield	65 MPa
Tensile Modulus	2400 MPa
Notched Izod Impact (23°C)	75 kJ/m²
HDT (1.8 MPa)	130 °C
Mold Release	Pre-added
Color	Black

Key Features

- Pre-added mold release for fast cycle
- Black pre-compounded
- Good flow for consumer goods
- Covestro quality

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

- Black consumer goods
- Electronic housings
- Power tool parts
- IT equipment components

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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