POM

Delrin® 100PE Black

DuPont (now Celanese)

Position #107 · Jinsutong Reference Catalog 2026

Resin Overview

POM · Black, Easy Flow. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	DuPont (now Celanese)
Category	POM · Black, Easy Flow
Typical Use	Black injection molded parts

Key Properties

Density	1.42 g/cm³
MVR (190°C/2.16 kg)	25 cm³/10min
Tensile Strength at Yield	65 MPa
Tensile Modulus	2800 MPa
Elongation at Break	25%
Notched Izod Impact (23°C)	7 kJ/m²
HDT (1.8 MPa)	100 °C
Color	Black

Key Features

- Black pre-compounded
- High MFR (25) for thin-wall
- Good impact strength
- DuPont quality

Processing Conditions

Melt Temperature	190-215 °C
Mold Temperature	70-95 °C
Drying	2 h @ 80 °C
Processing Methods	Injection molding

Typical Applications

- Black consumer goods
- Snap-fit assemblies
- Thin-wall injection parts
- Office equipment components

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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