POM

Delrin® 100P Black

DuPont (now Celanese)

Position #118 • Jinsutong Reference Catalog 2026

Resin Overview

POM · Food Contact, Black, Homopolymer. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	DuPont (now Celanese)
Category	POM · Food Contact, Black, Homopolymer
Typical Use	Black POM for food contact applications

Key Properties

Density	1.42 g/cm³
MVR (190°C/2.16 kg)	10 cm³/10min
Tensile Strength at Yield	70 MPa
Tensile Modulus	3100 MPa
Notched Izod Impact (23°C)	8 kJ/m²
HDT (1.8 MPa)	100 °C
Color	Black
FDA 21 CFR 177.1520	Compliant

Key Features

- High tensile strength homopolymer
- FDA food contact compliant
- Black pre-compounded
- DuPont quality

Processing Conditions

Melt Temperature	200-220 °C

Mold Temperature	80-100 °C
Drying	2 h @ 80 °C
Processing Methods	Injection molding

Typical Applications

- Food contact black parts
- Beverage dispensers
- Coffee machine components
- Water filter housings

Regulatory & Compliance

- FDA 21 CFR 177.1520
- EU 10/2011
- RoHS compliant

> ⚠ All data sourced from public manufacturer catalogs.

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