POM

Ultraform® W 2320 003 Black

BASF

Position #117 • Jinsutong Reference Catalog 2026

Resin Overview

POM · Black, UV Stabilized. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	BASF
Category	POM · Black, UV Stabilized
Typical Use	UV-stabilized black POM for outdoor use

Key Properties

Density	1.42 g/cm³
MVR (190°C/2.16 kg)	12 cm³/10min
Tensile Strength at Yield	65 MPa
Tensile Modulus	2800 MPa
Elongation at Break	30%
Notched Izod Impact (23°C)	6 kJ/m²
HDT (1.8 MPa)	95 °C
Color	Black

Key Features

- UV stabilized for outdoor use
- Black pre-compounded
- Good impact strength
- BASF quality

Processing Conditions

Melt Temperature	200-220 °C

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

Typical Applications

- Outdoor automotive parts
- Black weather-resistant parts
- Industrial equipment
- Premium consumer goods

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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