PP

Achieve™ 6936G1 Black

ExxonMobil

Position #116 · Jinsutong Reference Catalog 2026

Resin Overview

PP · Homopolymer, Black, Injection. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	ExxonMobil
Category	PP · Homopolymer, Black, Injection
Typical Use	Black homopolymer PP for injection, automotive

Key Properties

MFR (230°C/2.16 kg)	12 g/10min
Density	0.90 g/cm³
Tensile Strength at Yield	36 MPa
Tensile Modulus	1550 MPa
Elongation at Break	50%
HDT (0.45 MPa)	110 °C
Vicat Softening Point	152 °C
Color	Black

Key Features

- Black pre-compounded
- Nucleated for fast cycle
- High stiffness for automotive
- FDA food contact compliant

Processing Conditions

Melt Temperature	200-240 °C
Mold Temperature	30-60 °C
Drying	Not required
Processing Methods	Injection molding

Typical Applications

- Black automotive parts
- Thin-wall containers
- Caps and closures
- Premium black consumer goods

Regulatory & Compliance

- FDA 21 CFR 177.1520
- RoHS compliant

> ⚠ All data sourced from public manufacturer catalogs.

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