PP PPC 7642

TotalEnergies

Reference catalog 2026 - Upgraded Template

Resin Overview (Upgraded Template)

PP · 聚丙烯 (Upgraded)

This Grade

Manufacturer	TotalEnergies
Category	PP · 聚丙烯 (Upgraded)
Typical Use	Reference grade for 聚丙烯 (Upgraded)

Key Properties (8 metrics)

MFR (230°C/2.16 kg)	12 g/10min
Density	0.90 g/cm3
Tensile Strength at Yield	34 MPa
Tensile Modulus	1450 MPa
Elongation at Break	60%
HDT (0.45 MPa)	108 °C
Vicat Softening Point	150 °C
Flexural Modulus	1400 MPa

Key Features

- Lightweight (density 0.90)
- Good chemical resistance
- FDA food contact
- Recyclable

Processing Conditions

Melt Temperature	200-240 °C
Mold Temperature	30-60 °C

Drying	Not required
Processing Methods	Injection molding, extrusion

Typical Applications

- General packaging
- Caps and closures
- Automotive interior
- Consumer goods

Regulatory & Compliance

- RoHS compliant
- REACH registered
- FDA food contact grades available

> Data from public manufacturer catalogs. Verify before procurement.

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