COC

TOPAS® 5013L-04

TOPAS Advanced Polymers

Position #115 · Jinsutong Reference Catalog 2026

Resin Overview

COC · General, Film. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	TOPAS Advanced Polymers
Category	COC · General, Film
Typical Use	General packaging film, multilayer

Key Properties

Density	1.02 g/cm³
MFR (260°C/2.16 kg)	13 g/10min
Tg (DSC)	130 °C
Tensile Strength at Yield	65 MPa
Tensile Modulus	2700 MPa
Elongation at Break	4%
Light Transmittance (2mm)	92%
Refractive Index	1.53

Key Features

- General purpose COC
- High clarity for film use
- High Tg (130°C) for film
- FDA food contact compliant

Processing Conditions

Melt Temperature	270-310 °C
Mold Temperature	N/A (extrusion)
Drying	4 h @ 100 °C
Processing Methods	Blown film, cast film

Typical Applications

- General packaging film
- Multilayer co-extrusion
- Pharmaceutical packaging
- Diagnostic device packaging

Regulatory & Compliance

- FDA 21 CFR 182.99
- EU 10/2011
- RoHS compliant

> ⚠ All data sourced from public manufacturer catalogs.

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