

PP

Terpolymer for CPP film

▶ TF400

● Description

TF400 is a propylene-ethylene-butene terpolymer for casting film application. TF400 shows high stiffness, slipperiness and excellent optical property.

● Characteristics

- ▶ Excellent transparency & gloss
- ▶ High stiffness
- ▶ Low-temperature heat sealing
- ▶ Slipperiness and anti-blocking property

● Physical Properties

Typical Properties	Method (ASTM)	Unit	TF400
Melt flow index	D1238	g/10min	7
Density	D1505	g/cm ³	0.91
Tensile strength at yield	D638	kg/cm ²	280
Elongation at break	D638	%	>500
Flexural modulus	D790	kg/cm ²	7,500
Izod impact strength at 23 °C	D256	kgcm/cm	4
Rockwell hardness	D785	R-scale	70
Heat distortion temperature	D648	°C	85

* Data shown above are representative values for reference purposes only, and not to be construed as specifications.

* Data performed by or on behalf of Hanwha Total

● **Food Contact Application**

- ▶ Hanwha Total TF400 meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.
- ▶ In case you might need additional technical or regulatory information, please contact Hanwha Total Polymer Technical Service Team.

● **Contacts**

▶ **Product Information & Technical Services**

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