

# PP

Terpolymer for CPP film

## ► TF402

### ● Description

**TF402** is a propylene-ethylene-butene terpolymer for casting film application. TF402 shows high slipperiness and excellent sealing property.

### ● Characteristics

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

### ● Physical Properties

Typical Properties	Method (ASTM)	Unit	TF402
Melt flow index	D1238	g/10min	7
Density	D1505	g/cm <sup>3</sup>	0.91
Tensile strength at yield	D638	kg/cm <sup>2</sup>	220
Elongation at break	D638	%	>500
Flexural modulus	D790	kg/cm <sup>2</sup>	6,500
Izod impact strength at 23 °C	D256	kgcm/cm	9
Rockwell hardness	D785	R-scale	59
Heat distortion temperature	D648	°C	70

## ● **Food Contact Application**

- ▶ Hanwha Total TF402 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.