

# PP

Terpolymer for CPP film

## ► TF430

### ● Description

**TF430** is a propylene-ethylene-butene terpolymer for casting film application. TF430 shows high stiffness and excellent optical property.

### ● Characteristics

- Excellent transparency & gloss
- High stiffness
- Good anti-blocking property

### ● Physical Properties

Typical Properties	Method (ASTM)	Unit	TF430
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>	280
Elongation at break	D638	%	>500
Flexural modulus	D790	kg/cm <sup>2</sup>	9,000
Izod impact strength at 23 °C	D256	kgcm/cm	6
Rockwell hardness	D785	R-scale	73
Heat distortion temperature	D648	°C	85

## ● **Food Contact Application**

- ▶ Hanwha Total TF430 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.