

PP

**Terpolymer for CPP film** 

►TF451

## Description

**TF451** is a propylene-ethylene-butene terpolymer for aluminum metalized cast film application.

## Characteristics

- ► Low-temperature heat sealing
- ► Excellent transparency & gloss
- ► High stiffness
- ► Good anti-blocking property

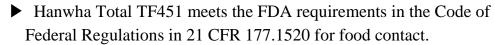
## Physical Properties

Typical Properties	Method (ASTM)	Unit	TF451
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	$^{\circ}$	70
Melting point	Hanwha Total	$^{\circ}$	132

+135-3858-6433 (GuangDong) +188-1699-6168 (ShangHai) +852-6957-5415 (HongKong)



## Food Contact Application



In case you might need additional technical or regulatory information
please contact Hanwha Total Polymer Technical Service Team.