

# PP

Random PP for CPP film

## ▶ RF401

### ● Description

**RF401** is a propylene-ethylene random polypropylene designed for casting film application. RF401 shows good optical properties and excellent processability.

### ● Characteristics

- ▶ Good processability
- ▶ Good transparency
- ▶ High gloss

### ● Physical Properties

Typical Properties	Method (ASTM)	Unit	RF401
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>	340
Elongation at break	D638	%	>500
Flexural modulus	D790	kg/cm <sup>2</sup>	10,000
Izod impact strength at 23 °C	D256	kgcm/cm	5
Rockwell hardness	D785	R-scale	90
Heat distortion temperature	D648	°C	99

## ● **Food Contact Application**

- ▶ Hanwha Total RF401 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.