

PP

Random PP for CPP film

▶ RF402

● Description

RF402 is a propylene-ethylene random polypropylene designed for casting film application. RF402 shows good transparency and high gloss. RF402 suitable for core and sealing layer.

● Characteristics

- ▶ Good transparency & High gloss
- ▶ Slipperiness
- ▶ Good heat sealing strength

● Physical Properties

Typical Properties	Method (ASTM)	Unit	RF402
Melt flow index	D1238	g/10min	7
Density	D1505	g/cm ³	0.91
Tensile strength at yield	D638	kg/cm ²	320
Elongation at break	D638	%	>500
Flexural modulus	D790	kg/cm ²	9,500
Izod impact strength at 23 °C	D256	kgcm/cm	6
Rockwell hardness	D785	R-scale	85
Heat distortion temperature	D648	°C	95

● **Food Contact Application**

- ▶ Hanwha Total RF402 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.