

# PP

Random PP for injection molding

## ▶ RJ700

### ● Description

**RJ700** is a propylene-ethylene random polypropylene for manufacturing transparent injection molded articles. This grade shows excellent transparency and appearance.

### ● Characteristics

- ▶ Excellent transparency & gloss
- ▶ Good processability

### ● Applications

- ▶ transparent storage box

### ● Physical Properties

Typical Properties	Method (ASTM)	Unit	RJ700
Melt flow index	D1238	g/10min	20
Density	D1505	g/cm <sup>3</sup>	0.91
Tensile strength at yield	D638	kg/cm <sup>2</sup>	300
Elongation at break	D638	%	>500
Flexural modulus	D790	kg/cm <sup>2</sup>	11,000
Izod impact strength at 23 °C	D256	kgcm/cm	5
Rockwell hardness	D785	R-scale	85
Heat distortion temperature	D648	°C	95
Haze (2mm sheet)	D1003	%	22

## ● **Food Contact Application**

- ▶ Hanwha Total RJ700 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.