

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 ³	0.91
Tensile strength at yield	D638	kg/cm ²	300
Elongation at break	D638	%	>500
Flexural modulus	D790	kg/cm ²	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

* Data shown above are representative values for reference purposes only, and not to be construed as specifications.

* Data performed by or on behalf of Hanwha Total

● **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.

● **Contacts**

▶ **Product Information & Technical Services**

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