

PP

Random PP for injection molding (MI=70)

► RJ970Z

● Description

RJ970Z is a propylene-ethylene random copolymer for manufacturing transparent injection molding articles. It is produced using non-phthalate catalyst complying with EU REACH regulation (Annex XIV). In addition, RJ970Z has good transparency & high flowability for large container and TWIM (Thin wall injection molding).

● Characteristics

- Excellent transparency & gloss
- Good processability

● Applications

- transparent large container and TWIM (Thin wall injection molding)

● Physical Properties

Typical Properties	Method	Unit	RJ970Z
Melt flow index	D1238	g/10min	70
Density	D1505	g/cm ³	0.90
Tensile strength at yield	D638	kg/cm ²	320
Elongation at break	D638	%	>300
Flexural modulus	D790	kg/cm ²	11,500
Izod impact strength at 23°C	D256	kg•cm/cm	4.5
Rockwell hardness	D785	R-scale	80
Heat distortion temperature	D648	°C	90
Haze (2mm sheet)	D1003	%	16

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



● **Food Contact Application**

- ▶ Hanwha Total RJ970Z 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 Customer Service Team.

● **Contacts**

▶ **Product Information & Technical Services**

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