

# 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 <sup>3</sup>	0.90
Tensile strength at yield	D638	kg/cm <sup>2</sup>	320
Elongation at break	D638	%	>300
Flexural modulus	D790	kg/cm <sup>2</sup>	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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