

PP

Homo PP for injection molding

▶ HJ400

● Description

HJ400 is an isotactic homo PP for injection molding application. It features a good processability with a high stiffness. HJ400 is designed to be processed in conventional injection molding equipment..

● Characteristics

- ▶ Excellent processability
- ▶ High rigidity & heat resistance
- ▶ High scratch resistance & surface gloss

● Applications

- ▶ General purpose, Houseware

● Physical Properties

Typical Properties	Method (ASTM)	Unit	HJ400
Melt flow index	D1238	g/10min	8.0
Density	D1505	g/cm ³	0.91
Tensile strength at yield	D638	kg/cm ²	360
Elongation at break	D638	%	500
Flexural modulus	D790	kg/cm ²	16,000
Izod impact strength 23 °C	D256	kgcm/cm	3
Rockwell hardness	D785	R-scale	100
Heat distortion temp.	D648	°C	110

* 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 HJ400 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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