

PP

Homo PP for injection molding

▶ HJ700

● Description

HJ700 is homo PP for injection molding application. The injection molded articles made from this grade offers high rigidity and heat resistance, excellent scratch resistance, and high surface gloss. Products of HJ700 ascertain pleasant and satisfying service quality due to substantially less odor from reduced volatile organic compounds.

● Characteristics

- ▶ High rigidity & Heat resistance
- ▶ Excellent scratch resistance & high surface gloss
- ▶ Excellent organoleptics & High purity (low VOC)

● Applications

- ▶ General purpose, Houseware

● Physical Properties

| Typical Properties | Method (ASTM) | Unit | HJ700 |
|----------------------------|---------------|--------------------|--------|
| Melt flow index | D1238 | g/10min | 22 |
| Density | D1505 | g/cm ³ | 0.91 |
| Tensile strength at yield | D638 | kg/cm ² | 380 |
| Elongation at break | D638 | % | >250 |
| Flexural modulus | D790 | kg/cm ² | 17,000 |
| 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.

● **Food Contact Application**

- ▶ Hanwha Total HJ700 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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