

# PP

High MFR Homo PP for Injection Molding

## ▶ HI828

### ● Description

**HI828** is high MFR homo PP for injection molding application. It shows an easy processability, high rigidity and excellent dimensional stability. **HI828** offers the productivity enhancement by cycle time reduction and meet the demand of Food application.

### ● Characteristics

- ▶ High flowability ; easy injection processing, thin wall products
- ▶ High rigidity ; small deformation under load
- ▶ High crystallinity & dimensional stability ; cycle time reduction

### ● Applications

- ▶ Thin wall food container, Houseware

### ● Physical Properties

Typical Properties	Method (ASTM)	Unit	HI828
Melt flow index	D1238	g/10min	45
Density	D1505	g/cm <sup>3</sup>	0.91
Tensile strength at yield	D638	kg/cm <sup>2</sup>	410
Elongation at break	D638	%	>300
Flexural modulus	D790	kg/cm <sup>2</sup>	20,000
Izod impact strength 23 °C	D256	kgcm/cm	2.7
Rockwell hardness	D785	R-scale	107
Heat distortion temp.	D648	°C	130

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

\* Data performed by or on behalf of [www.cn-plas.com](http://www.cn-plas.com) Hanwha Total

## ● **Food Contact Application**

- ▶ Hanwha Total HI828 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**

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### ▶ **Product Information & Technical Services**

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