

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

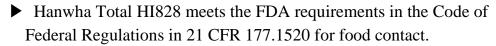
## Physical Properties

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 ℃	D256	kgcm/cm	2.7
Rockwell hardness	D785	R-scale	107
Heat distortion temp.	D648	°C	130

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# Food Contact Application



In case you might need additional technical or regulatory information
please contact Hanwha Total Polymer Technical Service Team.