

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 ³	0.91
Tensile strength at yield	D638	kg/cm ²	410
Elongation at break	D638	%	>300
Flexural modulus	D790	kg/cm ²	20,000
Izod impact strength 23 °C	D256	kgcm/cm	2.7
Rockwell hardness	D785	R-scale	107
Heat distortion temp.	D648	°C	130

● **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.