

# PP

High Stiffness & Excellent Heat Resistance

## ▶ HU330

### ● Description

**HU330** is a new class of high crystallinity homo polypropylene with extremely high stiffness and excellent heat resistance. HU330 is highly useful for use in electrical/electronic appliances which are exposed to lengthy periods of high temperature.

### ● Characteristics

- ▶ High stiffness → Thin injection molded products may be formed
- ▶ Excellent heat resistance → High service temperature
- ▶ High crystallinity & flowability → Suitable for high speed processing
- ▶ Good surface hardness → Excellent scratch resistance

### ● Applications

- ▶ Home appliance

### ● Physical Properties

Typical Properties	Method (ASTM)	Unit	HU330
Melt flow index	D1238	g/10min	5
Density	D1505	g/cm <sup>3</sup>	0.91
Tensile strength at yield	D638	kg/cm <sup>2</sup>	420
Elongation at break	D638	%	100
Flexural modulus	D790	kg/cm <sup>2</sup>	22,000
Izod impact strength 23 °C	D256	kgcm/cm	3.5
Rockwell hardness	D785	R-scale	107
Heat distortion temp.	D648	°C	135

\* 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 HU330 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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