

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 ³	0.91
Tensile strength at yield	D638	kg/cm ²	420
Elongation at break	D638	%	100
Flexural modulus	D790	kg/cm ²	22,000
Izod impact strength 23 °C	D256	kgcm/cm	3.5
Rockwell hardness	D785	R-scale	107
Heat distortion temp.	D648	°C	135

● **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.