

PP

High Gloss & High Stiffness Copolymer

► **BU320**

● **Description**

BU320 is block copolymer polypropylene resin. The grade shows excellent balance of stiffness and impact strength, and high gloss. BU320 is highly useful for use in electrical/electronic appliances which are exposed to lengthy periods of high temperature.

● **Characteristics**

- High gloss
- High stiffness and good impact strength
- Excellent heat resistance
- Outstanding scratch resistance

● **Applications**

- Home appliance such as Kettle, coffee maker, etc.

● **Physical Properties**

Typical Properties	Method (ASTM)	Unit	BU320
Melt flow index	D1238	g/10min	5
Density	D1505	g/cm ³	0.91
Tensile strength at yield	D638	kg/cm ²	400
Elongation at break	D638	%	200
Flexural modulus	D790	kg/cm ²	19,000
Izod impact strength 23 °C	D256	kgcm/cm	9
Rockwell hardness	D785	R-scale	100
Heat distortion temp.	D648	°C	130
Gloss (60°)	D523	%	88

● **Food Contact Application**

- ▶ Hanwha Total BU320 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.