

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.

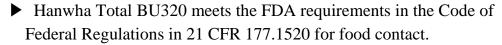
## Physical Properties

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

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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.