

# PP

Impact copolymer for injection molding

## ▶ BI521

### ● Description

**BI521** is impact copolymer for injection molding application with good balance of stiffness and impact strength. This grade has anti-static feature and UV stability.

### ● Characteristics

- ▶ Good balance of stiffness and impact strength
- ▶ Anti-static property
- ▶ UV stability

### ● Applications

- ▶ Container & Crate box

### ● Physical properties

Typical Properties	Test Method	Unit	BI521
Melt Index	ASTM D1238	g/10min	10
Density	ASTM D1505	g/cm <sup>3</sup>	0.91
Tensile Strength at yield	ASTM D638	kg/cm <sup>2</sup>	320
Elongation at break		%	200
Flexural Modulus	ASTM D790	kg/cm <sup>2</sup>	15,000
IZOD Impact Strength	ASTM D256	23 °C	10
		0 °C	6
		-20 °C	5
Rockwell Hardness	ASTM D2240	R scale	90
Heat Distortion Temperature	ASTM D1693	°C	120

\* 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.

LPE06016



## ● **Food Contact Application**

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- ▶ To apply Hanwha Total BI521 to the food packaging, the verification on the suitability is necessary.
- ▶ 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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