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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 ³	0.91	
Tensile Strength at yield	ASTM D638	kg/cm ²	320	
Elongation at break		%	200	
Flexural Modulus	ASTM D790	kg/cm ²	15,000	
IZOD Impact Strength	ASTM D256	kg·cm/cm	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.

● Food Contact Application

- ▶ 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

- ▶ **Product Information & Technical Services** www.cn-plas.com

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