



PP

High Flow Impact copolymer

► BI8000

● Description

BI8000 is impact PP for injection molding application. Hanwha Total BI8000 shows an easy processability and an excellent stiffness combined with good impact strength & appearance. It is produced using non-phthalate catalyst complying with EU REACH regulation.

● Characteristics

- ▶ High stiffness & flowability
- ▶ Excellent balance between stiffness & impact strength

● Applications

- ▶ Large E&E articles, base resin for PP compound (auto & E&E), thin wall injection molding (TWIM) containers, housewares

● Physical Properties

Typical Properties	Method (ASTM)	Unit	BI8000
Melt flow index	D1238	g/10min	43
Density	D1505	g/cm ³	0.91
Tensile strength at yield	D638	kg/cm ²	280
Elongation at break	D638	%	>100
Flexural modulus	D790	kg/cm ²	15,000
Izod impact strength 23 °C			7
0 °C	D256	kgcm/cm	5
-20 °C			4
Rockwell hardness	D785	R-scale	85
Heat distortion temp.	D648	°C	115



● **Food Contact Application**

- ▶ Hanwha Total BI8000 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 Customer Service Team.

● **Contacts**

▶ **Product Information & Technical Services**

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