

PP

BI452

High stiffness block PP for injection molding

Application

Injection molding, Household goods parts, Home appliances parts, Large component, Automotive composite base

Characteristics

High stiffness, High gloss, Thermal resistance

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	8
Density	ASTM D1505	g/cm ³	0.91
Tensile strength (at yield)	ASTM D638	kg/cm ²	340
Elongation (at break)	ASTM D638	%	200
Flexural modulus	ASTM D790	kg/cm ²	17,500
Izod Impact Strength (23°C)	ASTM D256	kg cm/cm	11
Izod Impact Strength (-20°C)	ASTM D256	kg cm/cm	4.5
Rockwell hardness	ASTM D785	R scale	97
Heat deflection temperature	ASTM D648	°C	130
UL certification			746B

Note) Data shown above are representative values for reference purposes only, and not to be construed as specifications.

Certification

Hanwha TotalEnergies Petrochemical BI452 satisfies the 21 CFR 177.1520 regulations, the food packaging standards of the U.S. Food and Drug Administration (FDA), and China Quality Certification (CQC) regulations.

For further inquiries, please contact Customer Technical Service.



Contact information

Hanwha TotalEnergies Petrochemical co. Ltd.
www.htpchem.com

Sales Office
04525 No.92, Sejong-daero, Jung-gu, 16,18-20F, Hanwha
Finance Plaza, Seoul, Republic of Korea
16th floor of Hanwha Financial Plaza

Customer Technical Service
31900 103, Dokgot 2-ro, Daesan-eup, Seosan-si,
Chungcheongnam-do, Republic of Korea
T. 041-660-6190 F. 041-660-6189

Disclaimer

This document is copyrighted by Hanwha TotalEnergies Petrochemical. All information is for reference only and is not the specifications of the final product. Customers should make their own judgments as to whether our products and information serve a particular purpose and what regulations apply to customers' use of such products. Hanwha TotalEnergies Petrochemical is not responsible or obligated for the contents of this document. Hanwha TotalEnergies Petrochemical provides no warranties of any kind, either express or implied (such as merchantability and or fitness for a particular purpose, etc.) with respect to any information contained in this material. Hanwha TotalEnergies Petrochemical may arbitrarily change the contents of this material without prior notice.