Hanwha TotalEnergies

PP

BI850

High stiffness block PP for injection molding

Application

Injection molding, Home appliances parts, Automotive interior parts

Characteristics

High stiffness, High flowability

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	43
Density	ASTM D1505	g/㎤	0.91
Tensile strength (at yield)	ASTM D638	kg/㎠	290
Elongation (at break)	ASTM D638	%	>50
Flexural modulus	ASTM D790	kg/㎠	16,000
Izod Impact Strength (23℃)	ASTM D256	kg ㎝/㎝	7
Izod Impact Strength (0℃)	ASTM D256	kg ㎝/㎝	5
Izod Impact Strength (-20℃)	ASTM D256	kg ㎝/㎝	4
Rockwell hardness	ASTM D785	R scale	85
Heat deflection temperature	ASTM D648	℃	120

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

Certification

Hanwha TotalEnergies Petrochemical BI850 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