PP

BI980

High flow/High stiffness block PP for injection molding

Application

Large component, Automotive composite base, TWIM, Household goods parts

Characteristics

Excellent processability and physical properties, Antistatic

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	80
Density	ASTM D1505	g/㎤	0.91
Tensile strength (at yield)	ASTM D638	kg/㎠	310
Elongation (at break)	ASTM D638	%	<50
Flexural modulus	ASTM D790	kg/㎠	16,500
Izod Impact Strength (23℃)	ASTM D256	kg ㎝/㎝	4.5
Izod Impact Strength (-20℃)	ASTM D256	kg ㎝/㎝	2.5
Rockwell hardness	ASTM D785	R scale	90
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 BI980 satisfies the 21 CFR 177.1520 regulations, the food packaging standards of the U.S. Food and Drug Administration(FDA).
Up to 8% of energy can be saved during production with UL ECV(Environmental Claim Verification) mark achieved.
For further inquiries, please contact Customer Technical Service.

Contact information

Hanwha TotalEnergies Petrochemical Co., Ltd.
www.htpchem.com

Sales Office
(04525) 16F, Hanwha Finance Plaza Bld, 92,
Sejong-daero, Jung-gu, Seoul, Republic of Korea

Customer Technical Service
(31900) 103, Dokgot 2-ro, Daesan-eup, Seosan-si,
Chungcheongnam-do, Republic of Korea
T. 041-660-6143 F. 041-660-6189

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