PP

BI9600

High stiffness block PP for injection molding

Application

Injection molding, Home appliances parts, Household goods parts, TWIM, Automotive composite base

Characteristics

Excellent mechanical properties, High flowability, High thermal resistance

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	60
Density	ASTM D1505	g/㎤	0.91
Tensile strength (at yield)	ASTM D638	kg/㎠	290
Elongation (at break)	ASTM D638	%	>30
Flexural modulus	ASTM D790	kg/㎠	15,500
Izod Impact Strength (23℃)	ASTM D256	kg cm/cm	6.5
Izod Impact Strength (-20℃)	ASTM D256	kg cm/cm	4
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 BI9600 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.

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