PP

BI750

High stiffness block PP for injection molding

Application

Injection molding, Home appliances parts, Automotive composite base

Characteristics

High stiffness, flowability

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	28
Density	ASTM D1505	g/㎤	0.91
Tensile strength (at yield)	ASTM D638	kg/㎠	300
Elongation (at break)	ASTM D638	%	>100
Flexural modulus	ASTM D790	kg/㎠	17,000
Izod Impact Strength (23℃)	ASTM D256	kg ㎝/㎝	8
Izod Impact Strength (0℃)	ASTM D256	kg ㎝/㎝	5
Izod Impact Strength (-20℃)	ASTM D256	kg ㎝/㎝	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 BI750 satisfies the 21 CFR 177.1520 regulations, the food packaging standards of the U.S. Food and Drug Administration(FDA).
For further inquiries, please contact Customer Technical Service.

Contact information

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