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/㎤	0.91
Tensile strength (at yield)	ASTM D638	kg/㎠	340
Elongation (at break)	ASTM D638	%	200
Flexural modulus	ASTM D790	kg/㎠	17,500
Izod Impact Strength (23℃)	ASTM D256	kg ㎝/㎝	11
Izod Impact Strength (-20℃)	ASTM D256	kg ㎝/㎝	4.5
Rockwell hardness	ASTM D785	R scale	97
Heat deflection temperature	ASTM D648	℃	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.

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