PP

BI740

High stiffness for Injection molding

Application

Injection molding, Home appliances parts

Characteristics

High stiffness, flowability

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	25
Density	ASTM D1505	g/㎤	0.91
Tensile strength (at yield)	ASTM D638	kg/㎠	340
Elongation (at break)	ASTM D638	%	>50
Flexural modulus	ASTM D790	kg/㎠	17,500
Izod Impact Strength (23℃)	ASTM D256	kg ㎝/㎝	6
Izod Impact Strength (-20℃)	ASTM D256	kg ㎝/㎝	3.5
Rockwell hardness	ASTM D785	R scale	97
Heat deflection temperature	ASTM D648	℃	132

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

Certification

Hanwha TotalEnergies Petrochemical BI740 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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