PP

BI998

Ultra high flow/High stiffness block PP for injection moldin

Application

Injection molding, Home appliances parts, Automotive composite base, Large component

Characteristics

High flowability, High stiffness

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	120
Density	ASTM D1505	g/㎤	0.91
Tensile strength (at yield)	ASTM D638	kg/㎠	315
Elongation (at break)	ASTM D638	%	<50
Flexural modulus	ASTM D790	kg/㎠	17,000
Izod Impact Strength (23℃)	ASTM D256	kg ㎝/㎝	4
Izod Impact Strength (0℃)	ASTM D256	kg ㎝/㎝	3
Izod Impact Strength (-20℃)	ASTM D256	kg ㎝/㎝	2.5
Rockwell hardness	ASTM D785	R scale	95
Heat deflection temperature	ASTM D648	℃	125

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

Certification

Hanwha TotalEnergies Petrochemical BI998 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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