PP

Block PP for injection molding

BI8000

Application

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

Characteristics

High flowability, Excellent mechanical properties

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	43
Density	ASTM D1505	g/㎤	0.91
Tensile strength (at yield)	ASTM D638	kg/㎠	280
Elongation (at break)	ASTM D638	%	> 100
Flexural modulus	ASTM D790	kg/㎠	15,000
Izod Impact Strength (23℃)	ASTM D256	kg ㎝/㎝	7
Izod Impact Strength (0℃)	ASTM D256	kg ㎝/㎝	5
Izod Impact Strength (-20℃)	ASTM D256	kg ㎝/㎝	4
Rockwell hardness	ASTM D785	R scale	85
Heat deflection temperature	ASTM D648	℃	115

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

Certification

Hanwha TotalEnergies Petrochemical BI8000 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.

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