PP

BJ5500

Block PP for injection molding

Application

Home appliances parts, Battery case, Small container, Household goods parts

Characteristics

Excellent mechanical properties, Excellent processability and appearance

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	12
Density	ASTM D1505	g/㎤	0.91
Tensile strength (at yield)	ASTM D638	kg/㎠	280
Elongation (at break)	ASTM D638	%	>200
Flexural modulus	ASTM D790	kg/㎠	13000
Izod Impact Strength (23℃)	ASTM D256	kg ㎝/㎝	11
Izod Impact Strength (-20℃)	ASTM D256	kg ㎝/㎝	5
Rockwell hardness	ASTM D785	R scale	80
Heat deflection temperature	ASTM D648	℃	105

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

Certification

Hanwha TotalEnergies Petrochemical BJ5500 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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