PP

BJ520

Block PP for injection molding

Application

Injection molding, Battery case, Home appliances parts, Industrial materials component

Characteristics

Impact resistance

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	9
Density	ASTM D1505	g/㎤	0.91
Tensile strength (at yield)	ASTM D638	kg/㎠	300
Elongation (at break)	ASTM D638	%	>150
Flexural modulus	ASTM D790	kg/㎠	13,500
Izod Impact Strength (23℃)	ASTM D256	kg ㎝/㎝	10
Izod Impact Strength (0℃)	ASTM D256	kg ㎝/㎝	6
Izod Impact Strength (-20℃)	ASTM D256	kg ㎝/㎝	5
Rockwell hardness	ASTM D785	R scale	85
Heat deflection temperature	ASTM D648	℃	110

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

Certification

Hanwha TotalEnergies Petrochemical are limitations in applying Hanwha TotalEnergies BJ520 for food packaging purposes.

For further inquiries, please contact Customer Technical Service.

Contact information

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