PP

Block PP for injection molding

BJ300

Application

Injection molding, Home appliances parts, Household goods parts

Characteristics

Impact resistance

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	5
Density	ASTM D1505	g/㎤	0.91
Tensile strength (at yield)	ASTM D638	kg/㎠	290
Elongation (at break)	ASTM D638	%	>300
Flexural modulus	ASTM D790	kg/㎠	13,000
Izod Impact Strength (23℃)	ASTM D256	kg ㎝/㎝	12
Izod Impact Strength (0℃)	ASTM D256	kg ㎝/㎝	8
Izod Impact Strength (-20℃)	ASTM D256	kg ㎝/㎝	6
Rockwell hardness	ASTM D785	R scale	82
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 BJ300 for food packaging purposes.

For further inquiries, please contact Customer Technical Service.

Contact information

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