PP

BI6200

High impact resistance block PP for injection molding

Application

Automotive composite base, Household goods parts, Industrial materials component, Baby products

Characteristics

High impact strength, Excellent processability

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	20
Density	ASTM D1505	g/㎤	0.91
Tensile strength (at yield)	ASTM D638	kg/㎠	200
Elongation (at break)	ASTM D638	%	< 200
Flexural modulus	ASTM D790	kg/㎠	10,000
Izod Impact Strength (23℃)	ASTM D256	kg cm/cm	> 30
Izod Impact Strength (0℃)	ASTM D256	kg cm/cm	14
Izod Impact Strength (-20℃)	ASTM D256	kg cm/cm	9
Heat deflection temperature	ASTM D648	℃	95

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

Certification

Hanwha TotalEnergies Petrochemical BI6200 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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