PP

BU510

Block PP for injection molding

Application

Injection molding, Home appliances parts, Household goods parts

Characteristics

High stiffness, High gloss

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	10
Density	ASTM D1505	g/㎤	0.91
Tensile strength (at yield)	ASTM D638	kg/㎠	400
Elongation (at break)	ASTM D638	%	200
Flexural modulus	ASTM D790	kg/㎠	18,500
Izod Impact Strength (23℃)	ASTM D256	kg ㎝/㎝	9
Izod Impact Strength (-20℃)	ASTM D256	kg ㎝/㎝	3
Rockwell hardness	ASTM D785	R scale	98
Heat deflection temperature	ASTM D648	℃	130
Gloss (60°)	ASTM D523	%	88
Flammability	UL94		HB

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

Certification

Hanwha TotalEnergies Petrochemical BU510 satisfies the 21 CFR 177.1520 regulations, the food packaging standards of the U.S. Food and Drug Administration (FDA), and China Quality Certification (CQC) regulations.

For further inquiries, please contact Customer Technical Service.

Contact information

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