PP

HJ500

Homo PP for injection molding

Application

Injection molding, Household goods parts, Electrical and electronic parts, Houseware case

Characteristics

High stiffness, Thermal resistance, Scratch resistance

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	11
Density	ASTM D1505	g/㎤	0.91
Tensile strength (at yield)	ASTM D638	kg/㎠	380
Elongation (at break)	ASTM D638	%	500
Flexural modulus	ASTM D790	kg/㎠	16000
Izod Impact Strength (23℃)	ASTM D256	kg ㎝/㎝	3
Rockwell hardness	ASTM D785	R scale	100
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 HJ500 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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