PP

HJ400

Homo PP for injection molding

Application

Injection molding, Household goods parts, Electrical and electronic parts, Industrial materials component

Characteristics

Excellent flowability, Stiffness, Thermal resistance, Excellent surface hardness, Scratch resistance

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	8
Density	ASTM D1505	g/㎤	0.91
Tensile strength (at yield)	ASTM D638	kg/㎠	360
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 HJ400 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

Hanwha TotalEnergies Petrochemical co. Ltd.
www.htpchem.com

Sales Office
04525 No.92, Sejong-daero, Jung-gu, 16,18-20F, Hanwha Finance Plaza, Seoul, Republic of Korea
16th floor of Hanwha Financial Plaza

Customer Technical Service
31900 103, Dokgot 2-ro, Daesan-eup, Seosan-si, Chungcheongnam-do, Republic of Korea
T. 041-660-6190 F. 041-660-6189

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