PP

HI828

High stiffness homo PP for injection molding

Application

Injection molding, TWIM, Food container

Characteristics

High flowability, High stiffness, Dimension stability, Transparency

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	45
Density	ASTM D1505	g/㎤	0.91
Tensile strength (at yield)	ASTM D638	kg/㎠	410
Elongation (at break)	ASTM D638	%	300
Flexural modulus	ASTM D790	kg/㎠	20,000
Izod impact strength (23℃)	ASTM D256	kg ㎝/㎝	2.7
Rockwell hardness	ASTM D785	R scale	107
Heat deflection temperature	ASTM D648	℃	130
Gloss	ASTM D523	%	90

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

Certification

Hanwha TotalEnergies Petrochemical HI828 satisfies the 21 CFR 177.1520 regulations, the food packaging standards of the U.S. Food and Drug Administration(FDA).
Up to 8% of energy can be saved during production with UL ECV(Environmental Claim Verification) mark achieved.
For further inquiries, please contact Customer Technical Service.

Contact information

Hanwha TotalEnergies Petrochemical Co., Ltd.
www.htpchem.com

Sales Office
(04525) 16F, Hanwha Finance Plaza Bld, 92,
Sejong-daero, Jung-gu, Seoul, Republic of Korea

Customer Technical Service
(31900) 103, Dokgot 2-ro, Daesan-eup, Seosan-si,
Chungcheongnam-do, Republic of Korea
T. 041-660-6143 F. 041-660-6189

Disclaimer
This document is copyrighted by Hanwha TotalEnergies Petrochemical. All information is for reference only and is not the specifications of the final product. Customers should make their own judgments as to whether our products and information serve a particular purpose and what regulations apply to customers' use of such products. Hanwha TotalEnergies Petrochemical is not responsible or obligated for the contents of this document. Hanwha TotalEnergies Petrochemical provides no warranties of any kind, either express or implied (such as merchantability and or fitness for a particular purpose, etc.) with respect to any information contained in this material. Hanwha TotalEnergies Petrochemical may arbitrarily change the contents of this material without prior notice.