HDPE

HDPE for injection

J810A

Application

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

Characteristics

High flowability, Thermal resistance stability, Excellent mechanical properties

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	7.0
Density	ASTM D1505	g/㎤	0.951
Tensile strength (at yield)	ASTM D638	kg/㎠	250
Flexural modulus	ASTM D790	kg/㎠	12000
Elongation (at break)	ASTM D638	%	>300
Vicat softening point	ASTM D1525	℃	122
Melt temperature	HTC Method	℃	130
Brittleness temperature	ASTM D746	℃	<-80
Rockwell hardness	ASTM D785	R scale	60

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

Certification

There are limitations in applying Hanwha TotalEnergies J810A for food packaging purposes. 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

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