LLDPE

LLDPE for wire compound

4141W

Application

Wire & cable, Silane crosslinkable PE

Characteristics

Thermal resistance stability, Excellent mechanical properties, Excellent ESCR, Electrical insulation

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	2.4
Density	ASTM D1505	g/㎤	0.92
Tensile strength (at break)	ASTM D638	kg/㎠	200
Elongation	ASTM D638	%	700
Brittleness temperature	ASTM D746	℃	<-70
Environmental Stress Cracking Resistance	ASTM D1693 (F50, 50℃, 10% Igepal)	hrs	>500
Dielectric constant	ASTM D1531	-	2.3
Dielectric Loss factor	ASTM D1531	-	0.0002
Volume resistivity	ASTM D257	Ωcm	>1,013
Dielectric strength	ASTM D149	kV/㎜	>30

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

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.