HDPE

HDPE for pipes

XLS10B

Application

Pipe, Black PE112 pipe, Water pipe, Gas pipe, Industrial Pipe, Mining pipe

Characteristics

Satisfied the MRS 11.2MPa standard, Uniform dispersion of carbon black, Excellent processability, Excellent low-speed crack resistance, High resistance to pipe sagging phenomenon

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ISO R1133 (190℃, 5kg)	g/10min	0.17
Density	ISO R1183	g/㎤	0.959
Oxidation induction time (210℃)	ISO R11357-6	Minute	≥20
Carbon black content	ISO R6964	%	2.0~2.5
Carbon black dispersion	ISO R18553	Grade	≤3
Water content	ISO R15512	ppm	≤300
Melt temperature	HTC Method	℃	129
Tensile strength (at yield)	ISO R527	MPa	>21
Tensile strength (at break)	ISO R527	MPa	35
Elongation (at break)	ISO R527	%	>500
Flexural modulus	ISO R178	MPa	1,100
Resistance to slow crack growth (80℃)	ISO 13479	hrs	>1,000

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.