

HDPE

XS10N

HDPE for pipes

Application

Pipe, PE100 PIPE, Water pipe, Industrial Pipe

Characteristics

Satisfied the MRS 10MPa standard, Excellent processability, Excellent low-speed crack resistance

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ISO R1133 (190°C, 5kg)	g/10min	0.28
Density	ISO R1183	g/cm ³	0.948
Oxidation induction time (210°C)	ISO R11357-6	Minute	≥20
Water content	ISO R15512	ppm	≤300
Melt temperature	HTC Method	°C	129
Thermal conductivity (60°C)	HTC Method	W/m ² K	0.4
Tensile strength (at yield)	ISO R527	MPa	>21
Tensile strength(at break)	ISO R527	kg/cm ²	35
Elongation (at break)	ISO R527	%	>500
Flexural modulus	ISO R178	MPa	1100

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 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

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.