HDPE

HDPE for Pressure Pipe

▶XS10B

● Description

HDPE XS10B is a high performance black compound, with a MRS 10MPa – PE100 classification, containing hexene as co-monomer and is produced by a bimodal slurry loop process.

● Characteristics

- ▶ meeting the highest prescription and standards for PE pipe
- ▶ easy processing and safe welding properties
- ▶ high resistance to crack initiation and to slow crack growth

● Applications

- ▶ Gas, Portable water, Sewage, Industrial pipe

● Physical Properties

Properties	Test Method	Units	XS10B
Melt Index (190℃/5kg)	ISO 1133	g/10min	0.3
Density	ISO 1183	g/cm^3	0.959
Oxygen Induction Time (200℃)	ISO 11357-6	min	>20
Carbon Black Content	ISO 6964	%	2.0~2.5
Carbon Black Dispersion	ISO 18553	rating	≤3
Water Content	ISO 15512	ppm	≤300
Melting Temperature	Hanwha Total		129
Tensile Strength at Yield	ISO 527	MPa	26
Tensile Strength at Break	ISO 527	MPa	35
Elongation at Break	ISO 527	%	≥700
Flexural Modulus	ISO 178	MPa	1,100

*These are typical property values and are not to be construed as specifications.

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● Contacts

▶ Polymer Application Tech. Team

103, Dokgot 2-ro, Daesan-eup, Seosan-si, Chungcheongnam-do,
Korea, 31900
TEL : 82-41-660-6190 FAX : 82-41-660-6189

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