

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°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.

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