HDPE

HDPE for pipes

XS10N

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℃,5kg)	g/10min	0.28
Density	ISO R1183	g/㎤	0.948
Oxidation induction time(210℃)	ISO R11357-6	Minute	≥20
Water content	ISO R15512	ppm	≤300
Melt temperature	HTC Method	℃	129
Thermal conductivity(60℃)	HTC Method	W/m°K	0.4
Tensile strength(at yield)	ISO R527	㎫	>21
Tensile strength(at break)	ISO R527	kg/㎠	35
Elongation(at break)	ISO R527	%	>500
Flexural modulus	ISO R178	㎫	1,100

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

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