

HDPE

XRC20N

HDPE for pipes

Application

Pipe, PE100RC pipe, Water pipe, Industrial Pipe

Characteristics

Satisfied the MRS 10MPa, PE100RC standard, Excellent processability

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ISO R1133 (190°C, 5kg)	g/10min	0.33
Density	ISO R1183	g/cm ³	0.947
Melt temperature	HTC Method	°C	129
Water content	ISO R15512	ppm	≤300
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	1100
Oxidation induction time (210°C)	ISO R11357-6	Minute	≥20

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

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