PAKRO KİMYA
Plastik Hammadde Çözüm Ortağınız

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HDPE PIPE GRADE(ISO PE-100 Class)

HIVOREX 8000M

MAJOR CHARACTERISTICS

- Good Processability
- Good ESCR
- PE 100 (MRS 10)

PHYSICAL PROPERTIES

Properties	Test Method	Unit	8000M
Melt Flow Rate at 190℃ 2.16kg	ASTM D 1238	g/10min	0.04
Density	ASTM D 1505	g/㎤	0.949
Tensile Strength at yield	ASTM D 638	kg/㎠	220
Tensile Strength at Break	ASTM D 638	kg/㎠	330
Elongation at Break	ASTM D 638	%	＞700
Flexural Modulus	ASTM D 790	kg/㎠	9,000
Rockwell Hardness	ASTM D 785	R	57
IZOD Impact Strength at 23℃	ASTM D 256	kg· ㎝/㎝	NB
VICAT Softening Point	ASTM D 1525	℃	126
ESCR	ASTM D 1693	F50HR	＞1,000
O.I.T.(200℃)	ISO/TR 10837	min	> 30
Hydrostatic strength 12.4 MPa (20℃) 5.5 MPa (80℃) 5.0 MPa (80℃)	ISO 1167 (> 100) (> 165) (> 1,000)	hr	 > 200 > 1,000 > 5,000
Resistance to Rapid Crack Propagation: (Pc in S4 test on 110 X 10 ㎜ pipe at 0℃)	ISO 13477	bar	> 12
Resistance to Slow Crack Growth (Notch Pipe Test at 80℃, 4.6MPa)	ISO 13479	hr	> 1,000

* The figures indicated on the table are standard values.

APPLICATIONS

- Water pipe, Sewerage pipe, Gas pipe, etc.

HONAM PETROCHEMICAL Corp.

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Please consult HPC HEAD OFFICE for additional information

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kfq ISO 9001, ISO 14001 REGISTERED FIRM

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