LOTTE CHEMICAL

HIVOREX M7100 — HDPE PIPE GRADE

General Information

Characteristics

▶ **Good Processability**

Applications

▶ **Water pipe, Sewerage pipe, Gas pipe, etc.**

Physical Properties[1]

Properties	Nominal Value	Unit	Test Method
Melt Flow Rate at 190℃/2.16kg/5kg	0.06/0.25	g/10min	ASTM D 1238
Density	0.950	g/㎤	ASTM D 1505
Tensile Strength at yield	230	kg/㎠	ASTM D 638
Elongation at Break	> 700	%	ASTM D 638
Flexural Modulus	8,700	kg/㎠	ASTM D 790
IZOD Impact Strength at 23℃	NB	kg·㎝/㎝	ASTM D 256
ESCR	> 1,000	F50HR	ASTM D 1693
Rockwell Hardness	57	R	ASTM D 785
VICAT Softening Point	125	℃	ASTM D 1525
O.I.T.(200℃)	> 30	min	ISO/TR 10837

NOTE

ISO 9001, 14001, /TS 16949

[1] **Physical Properties : these are not to be construed as specifications**