

HIVOREX FL7000

High Density Polyethylene

General Information

Description

- ◆ HIVOREX FL7000 is manufactured to be processed in conventional blown film equipment by CSTR Slurry process technology .
- ◆ Thanks to Bi-modal design of molecular composition, FL7000 offer both excellent processability and superior mechanical properties.

Additives

- ◆ Antioxidant,

Applications

- ◆ Shopping bag, Garbage bag
- ◆ Industrial/ general packing film

Physical Properties¹

Properties	Nominal Value	Unit	Test Method
Melt Index, at 190°C/2.16kg	0.035	g/10min	ASTM D 1238
Density	0.956	g/cm ³	ASTM D 1505
Tensile Strength at Break	300	kg/cm ²	ASTM D 638
Elongation at Break	> 500	%	ASTM D 638
Flexural Modulus	10,000	kg/cm ²	ASTM D 790
IZOD Impact Strength, at 23°C	30	kg·cm/cm	ASTM D 256
Rockwell Hardness	55	R	ASTM D 785
VICAT Softening Point	124	°C	ASTM D 1525
ESCR	> 1,000	F50HR	ASTM D 1693

Note

ISO 9001, 14001, /TS 16949

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