

Producer: LOTTE CHEMICAL / KOREA

HDPE FL7100

Description

- ◆ FL7100 is manufactured to be processed in conventional blown film equipment by CSTR Slurry process technology.
- ◆ Thanks to Bi-modal design of molecular composition, FL7100 offers both excellent processability and superior mechanical properties.

Additives

- ◆ Antioxidant

Applications

- ◆ Shopping Bag, Garbage Bag
- ◆ Industrial/ General Packing Film

PROPERTY	TEST	VALUE
Melt Index, at 190°C/2.16kg	ASTM D 1238	0.045 g/10min
Density	ASTM D 1505	0.956 g/cm ³
Tensile Strength at Break	ASTM D 638	320 kg/cm ² 31.4 MPa
Elongation at Break	ASTM D 638	> 500 %
Flexural Modulus	ASTM D 790	10,000 kg/cm ²
IZOD Impact Strength, at 23°C	ASTM D 256	NB kg·cm/cm
VICAT Softening Point	ASTM D 1525	124 °C
ESCR	ASTM D 1693	> 1,000 F50 Hours

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