



## FL7000

## HIGH DENSITY POLYETHYLE

### General Information

#### Description

- ◆ 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 offers both excellent processability and superior mechanical properties.

#### Additives

- ◆ Antioxidant

#### Applications

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

### Physical Properties<sup>1</sup>

Properties	Test Method	Nominal Value	
Melt Index, at 190 °C/2.16kg	ASTM D 1238	0.035	g/10min
Density	ASTM D 1505	0.956	g/cm <sup>3</sup>
Tensile Strain at Break	ASTM D 638	320	kg/cm <sup>2</sup> 31.4 MPa
Elongation at Break	ASTM D 638	> 500	%
Flexural Modulus	ASTM D 790	10,000	kg/cm <sup>2</sup>
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

#### NOTE

<sup>1</sup> Physical Properties : these are not to be construed as specifications