Uz-Kor Gas Chemical

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[1]

Properties	Test Method		Nominal Value		
Melt Index, at 190℃/2.16kg	ASTM D 1238	0.035	g/10min		
Density	ASTM D 1505	0.956	g/cm^3		
Tensile Strain 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℃	ASTM D 256	NB	kg·cm/cm		
VICAT Softening Point	ASTM D 1525	124	℃		
ESCR	ASTM D 1693	> 1,000	F50 Hours		

NOTE

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