

FL7000

High Density Polyethylene

Properties			
Physical	Testing methods	Nominal values	
Density @ 23 ⁰ C	ASTM D 1505	gr/cm ³	0.956
Melt Flow Rate (190 ⁰ C @ 2.16kg)	ASTM D 1238	g/10min	0.035
Mechanical			
Tensile Strength	ASTM D 638	kg f/cm ²	320
Elongation at Break	ASTM D 638	%	>500
Flexural Modulus	ASTM D790	kg f/cm ²	10.000
Impact			
Notched Izod Impact Strength (23 ⁰ C)	ASTM D256	kgf*cm/cm	NB
Thermal			
VICAT Softening Point	ASTM D1525	⁰ C	124
Additional properties			
ESCR	ASTM D1693	F50Hr	>1000

Description

FL7000 – is manufactured to be processed in conventional blown film equipment by CSTR Slurry technology.

Thanks to Bi-modal design of molecular composition, FL7000 offers both excellent processability and superior mechanical properties.

Application

Shopping bag, Garbage Bag. (Industrial/General Packing film)