

High density polyethylene (HDPE)

FL7000
Uz-Kor Gaz Chemical, Uzbekistan

PROPERTIES

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.

Applications

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

Density	g/cm ³	0.954-0.957	ASTM D1505
Melt Flow Index	g/10min	0.027-0.047	ASTM D1238
Tensile Stress (Yield) (min)	kg/cm ²	210	ASTM D638
Tensile Strength (Break) (min)	kg/cm ²	300	ASTM D638
Elongation at Break (min)	%	500	ASTM D638
Flexural Modulus (min)	kg/cm ²	10,000	ASTM D638
Izod Impact Strenght (23 °C) (min)	kg cm/cm	20	ASTM D790
VICAT Softening Point (min)	°C	120	ASTM D256
Rockwell Hardness (min)	R	50	ASTM D785
ESCR (F50) (min)	hr	>1000	ASTM D1693

These are typical properties: not to be construed as specification.