

HDPE [7000F]

Major Characteristics	Application
High tear strength Good bubble stability and Processability	Industrial packing bag Shopping bag and Trash bag

Properties	Test Method	Unit	7000F
Melt Flow Rate (MFR) 190 °C	ASTM D-1238	g/10min	0.04
Density ²	ASTM D-1505	g/cm ³	0.956
Softening Point	ASTM D-1525	°C	124
Tensile Strength at Yield	ASTM D-638	Kg/cm ²	230
Tensile Strength at Break	ASTM D-638	Kg/cm ²	300
Ultimate Elongation	ASTM D-638	%	>500
Flexural Modulus of Elasticity	ASTM D-790	Kg/cm ²	10,000
Hardness(Rockwell)	ASTM D-785	R	55
IZOD Impact Strength (23 °C)	ASTM D-256	Kg*cm/cm	30
ESCR	ASTM D-1693	F 50HR	>1,000

∅Above data are not the spec of products, but only for reference