

Lotte Chem

HDPE

7000F

Product information

Manufacturer Lotte Chemical Corporation

Color NC

Material Shape Pellets

Process Blow molding

Features Bimodal Molecular Weight Distribution
Good mechanical properties
Good moldability
Good processability

Application Industrial packaging application
Packaging film
Shopping bag
Trash bag
Film

Additives Antistatic Agent

Mechanical behavior	Condition	Standard	Value	Unit
Elongation	Break	ASTM D638	500	%
Flexural	Modulus	ASTM D790	10000	kg/cm ²
Izod	Notch Impact 23°C	ASTM D256	NB	kg-cm/cm
Tensile	Strength Break	ASTM D638	320	kg/cm ²
Physical property	Condition	Standard	Value	Unit
Density		ASTM D1505	0.956	g/cm ³
Environmental	Stress Crack Resistance F50	ASTM D1693	1000	hr
Melt	Index 190°C 2.16kg	ASTM D1238	0.035	g/10min
Thermal	Condition	Standard	Value	Unit
Vicat	Softening Temperature	ASTM D1525	124	°C