

Product Data Sheet: HD-7000F

HighDensity Polyethylene	Film	Form: Pellet
HDPE: HD-7000F	Density: 0.950-0.954	MFI: 0.03-0.05
Feature: • Excellent mechanical • High Stiffness • Excellent Processabilities • High tensile Strength • Good moisture barrier • Food contact applicable • Low gel content	Application: • For Tissue-like film, garment, grocery, merchandise bags, disposal waste bags, counter bags, grocery sacks, trash bags	Additive: --

* **Material properties** (this data are typical values and shall not be construed as product specifications.)

Resin Properties	Unit	Condition	Typical Value	Test Method
Melt Flow Rate (MFR)	gr/10min	190°C/2.16 kg	0.03-0.05	ASTM 1238
Density	g/cm ³	23°C	0.950-0.954	ISO1183
Melting Point	°C	-	131	ASTM D 2117
Brittleness Temperature	°C	-	<-60	ASTM D 746
Dart Impact Strength	gr	-	139	ASTM D 1709
Tensile Str. @ Yield	Kg/cm ²	MD	-	ASTM D 882
Tensile Str. @ Yield	Kg/cm ²	TD	250	ASTM D 882
Tensile Str. @ Break	Kg/cm ²	MD	620	ASTM D 882
Tensile Str. @ Break	Kg/cm ²	TD	310	ASTM D 882
Tensile Modulus 2% Secant	Kg/cm ²	MD	8200	ASTM D 882
Tensile Modulus 2% Secant	Kg/cm ²	TD	8000	ASTM D 882
Elongation @ Break	%	MD	240	ASTM D 882
Elongation @ Break	%	TD	450	ASTM D 882
Elmendorf Tear Str.	gr	MD	3	ASTM D1922
Elmendorf Tear Str.	gr	TD	80	ASTM D1922
VICAT	°C	-	124	ASTM D1525

Description

7000F – is manufactured to be processed in conventional blown film equipment by CSTR Slurry technology. Thanks to Bi-modal design of molecular composition, 7000F offers both excellent processability and superior mechanical properties.

Application

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