

High Density Polyethylene (HDPE) Film Grade

9000

- High film strength and toughness
- High-speed processability
- Good film thickness distribution

APLICACIONES

- Small Shopping bags
- Roll bags
- Super thin bags

9001

- High film strength and toughness
- Excellent processing stability
- Good film thickness distribution

APLICACIONES

- Shopping bags
- Roll bags
- Garbage bags
- Underground sewer pipes Characteristics

Properties	Unit	Test Method		
Melt Index MI _{2.16}	g/10min	ASTM D1238	0.07	0.05
Melt Index MI _{5/MI} _{21.6}	g/10min	ASTM D1238		
Density	g/cm ³	ASTM D1505	0.95 0	0.950
Thermal properties				
Melting point		FPC M ethod	130	130
Brittleness point		ASTM D746	<-70	<-70
Softening point		ASTM D1525	123	123
Mechanical properties				
Tensile strength at yield	Kg/cm ²	ASTM D638	260	260
Tensile strength at break	Kg/cm ²	ASTM D638	370	380
Elongation at break	!	ASTM D638	850	800
Tensile Impact Strength	kg" cm/cm ²	ASTM D1822	650	800
Izod Impact Strength	Kg-cm/cm notch	ASTM D256	22	22
Hardness	Shore D	ASTM D2240	65	65
ESC R	Hours	ASTM D1693	500	>1000
Die Swell Ratio	!	FPC M ethod		
Pinch-off thickness	—	FPC M ethod		
Electrical properties				
Dielectric Constant 1MHz		ASTM D1531		
Dissipation Factor 1MHz		ASTM D1531		
Volume Resistivity	Ohm-cm	ASTM D257		

1. Processing condition: Processing Temperature = 180 - 220°, BUR = 3 - 6
2. Data shown are average values and should not be examined for specifications.