



PERSIAN GULF POLYMER

HIGH DENSITY POLYETHYLENE HDPE- HD-7000F

Better Decision for better Production.

LDPE | LLDPE | MDPE | **HDPE** | PP | PVC | GPPS | HIPS | EPS | PET | ABS | SBR | PBR | PC

A. Product Description: HD 7000F is high density polyethylene copolymer (with Butene-1 as co monomer) which well known for the high quality film applications. It has Bi-model design of molecular composition and then offers both excellent process ability and superior mechanical properties.

B. Application: ultra-thin film -Shirt bags.

PROPERTY	VALUE	UNIT	TEST METHOD
Melt Flow Rate (190°C/ 2.16Kg)	0.04	g/10 min	ISO 1133
Density	0.952	Kg/m ³	ISO 1183
Stress at Yield	250	Kg/cm ²	ASTM D638
Stress at Break	390	Kg/cm ²	ASTM D638
Elongation at Break	Above 500	%	ASTM D63
Stiffness	10000	Kg/cm ²	ASTM D747
Izod Impact Strength	30	Kg.cm/cm	ASTM D256
Hardness Shore D	64	D scale	ASTM D2240
Stress cracking resistance	Above 500	hr	ASTM D1693
Melting Point	131	C°	ASTM D2117
Vicat Softening Temperature	124	C°	ASTM D1525

The Value given above are typical test results which should be used as a guide only. The do not form the whole or part of a specification or guarantee.

Processing conditions: Recommended melt temperature: 200 – 220 °C

Packaging Delivery and Storage: The product is supplied in palletized 25-kg bags. HD7000F should be stored dry and away from t sources of heat and light.

Please consult the safety data sheet for information about the safety precautions necessary for transport, Storage and processing.

C. Typical properties:

These are not to be construed as specifications.

