



PERSIAN GULF POLYMER

LOW DENSITY POLYETHYLEN

LDPE – LD 2420F8

Better Decision for better Production.

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

A. Product Description:

LDPE 2420F8 is a non – additivated, low density Polyethylene. It is delivered in pellet form.

B. Application:

- Bags & Pouches
- Shopping bags
- Sanitary film
- Surface protection film

C. Feature:

- Homo-polymer
- Hygiene grade

D. Additives:

Non Additives

PROPERTY	Condition	VALUE	UNIT	TEST METHOD
Melt Flow Rate	190 °C/2, 16 kg.	0.8 ± 0.1	g/10 min	ISO 1133
Density	23 °C	0,923 ± 0,002	g/m ³	ISO 1183A
Impact strength	23 °C	28	KJ/M ³	ASTM D4272
Tear strength (TD)		30	KN/M	ASTM D6383-2
Tear strength (MD)	23 °C	40	KN/M	ASTM D6383-2
Strain at break (TD)		> 500	%	ISO 527
Strain at break (MD)		> 200	%	ISO 527
Yield stress (TD)	80°C	12	Mpa	ISO 527
Yield stress (MD)	80°C	21	Mpa	ISO 527
Coefficient of friction		1		ASTM D 1894
Haze		9	%	ASTM 1003 A
Gloss		60	%	DIN 67350
Dart drop impact		> 140	g	ASTM 1709

E. Typical properties:

These are not to be construed as specifications.

