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PERSIAN GULF PETROCHEMICAL COMPANY

LOW DENSITY POLYETHYLENE LDPE LD2420F8

LDPE 2420F8 is a non-additivated, low-density polyethylene (LDPE) produced in pellet form by PERSIAN GULF Petrochemical Company. It is primarily utilized in the production of films for various applications, including bags, pouches, shopping bags, sanitary films, and surface protection films.

Producer	Characteristic Properties	Applications
PERSIAN GULF	Homo-polymer Hygiene grade	Bags & Pouches Shopping bags Sanitary film - Surface protection film

Typical Properties

Resin Properties	Unit	Typical	Test Method
Melt Flow Rate (MFR)	g/10min	0.8 ±0.1	ISO 1133
Density	g/cm ³	0.923±0.002	ISO 1183A
Impact Strength	KJ/ M	28	ASTM D4272
Tear Strength (TD/MD)	KN/ M	30/40	ASTM D6383-2
Strain at Break (TD)	%	>500	ISO 527
Yield Stress (TD/MD)	MPA	12/21	ISO 527
Coefficient of friction	-	1	ASTM D1894
HAZE	%	9	ASTM 1003A
Gloss	%	60	ASTM D2457
Dart Drop Impact	g	> 140	ASTM 1709