

Jam PE 12YF6

Linear Low Density Polyethylene
Jam Petrochemical Company

Message:

Jam PE 12YF6 is a Linear Low Density Polyethylene product. It is available in Africa & Middle East. Applications of Jam PE 12YF6 include bags/liners and film.

General Information			
Uses	Film		
	Liners		

Physical	Nominal Value	Unit	Test Method
Density	0.912 to 0.916	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.60	g/10 min	ASTM D1238
Flow Rate Ratio	32.0		ASTM D1238
Fish Eye	100	No./m ²	
Titanium	3	ppm	

Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	
Tensile Strength			ASTM D882
MD : Yield,25 µm, Blown Film	11.2	MPa	
TD : Yield,25 µm, Blown Film	10.5	MPa	
MD : Break, 25 µm,Blown Film	37.0	MPa	
TD : Break, 25 µm,Blown Film	45.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 25 µm,Blown Film	560	%	
TD : Break, 25 µm,Blown Film	690	%	
Dart Drop Impact (25 µm, Blown Film)	400	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD : 25 µm, Blown Film	330	g	
TD : 25 µm, Blown Film	540	g	

Optical	Nominal Value	Unit	Test Method
Gloss (45°, 25.0 µm, Blown Film)	27		ASTM D1790
Haze (25.0 µm, Blown Film)	39	%	ASTM D1003
Yellowness Index (0.0250 mm)	0.0	YI	ASTM D1925

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