

Jam PE 16501

Linear Low Density Polyethylene
Jam Petrochemical Company

Message:

Jam PE 16501 is a Linear Low Density Polyethylene product. It is available in Africa & Middle East. Applications of Jam PE 16501 include bags/liners and film. Primary characteristic: butene comonomer.

General Information			
Features	Butene Comonomer		
Uses	Film		
	Liners		

Physical	Nominal Value	Unit	Test Method
Density	0.916 to 0.920	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.95	g/10 min	ASTM D1238

Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	ASTM D882
Tensile Strength			
MD : Yield,25 µm, Blown Film	12.7	MPa	
TD : Yield,25 µm, Blown Film	12.7	MPa	
MD : Break, 25 µm,Blown Film	42.0	MPa	
TD : Break, 25 µm,Blown Film	33.0	MPa	ASTM D882
Tensile Elongation			
MD : Break, 25 µm,Blown Film	670	%	
TD : Break, 25 µm,Blown Film	770	%	ASTM D1709A
Dart Drop Impact (25 µm, Blown Film)	110	g	
Elmendorf Tear Strength			ASTM D1922
MD : 25 µm, Blown Film	180	g	
TD : 25 µm, Blown Film	380	g	

Optical	Nominal Value	Unit	Test Method
Gloss (45°, 25.0 µm, Blown Film)	25		ASTM D1790
Haze (25.0 µm, Blown Film)	35	%	ASTM D1003

Additional Information	Nominal Value	Unit
Fish Eye	60.0	No./m ²

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