

Jam PE 12HF6

Linear Low Density Polyethylene

Jam Petrochemical Company

Message:

Jam PE 12HF6 is a Linear Low Density Polyethylene product. It can be processed by extrusion blow molding and is available in Africa & Middle East. Applications of Jam PE 12HF6 include film and wrap.

General Information			
Uses	Film		
	Shrink Wrap		
Processing Method	Extrusion Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.912 to 0.916	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.60	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	11.3	MPa	ASTM D882
TD : Yield,25 µm, Blown Film	11.0	MPa	
MD : Break, 25 µm,Blown Film	42.0	MPa	ASTM D882
TD : Break, 25 µm,Blown Film	36.0	MPa	
Tensile Elongation			ASTM D882
MD : Break, 25 µm,Blown Film	650	%	
TD : Break, 25 µm,Blown Film	750	%	ASTM D1709A
Dart Drop Impact (25 µm, Blown Film)	130	g	
Elmendorf Tear Strength			ASTM D1922
MD : 25 µm, Blown Film	170	g	
TD : 25 µm, Blown Film	420	g	ASTM D1003
Optical	Nominal Value	Unit	
Gloss (45°, 25.0 µm, Blown Film)	20		ASTM D1790
Haze (25.0 µm, Blown Film)	40	%	ASTM D1003

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