

Jam PE 10Y02

Linear Low Density Polyethylene
Jam Petrochemical Company

Message:

Jam PE 10Y02 is a Linear Low Density Polyethylene product. It can be processed by cast film and is available in Africa & Middle East. Applications of Jam PE 10Y02 include film and wrap.

General Information			
Uses	Cast Film		
	Film		
	Stretch Wrap		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Density	0.910 to 0.912	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.2	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	10.0	MPa	
TD : Yield,25 µm, Blown Film	9.00	MPa	
MD : Break, 25 µm,Blown Film	32.9	MPa	
TD : Break, 25 µm,Blown Film	23.1	MPa	
Tensile Elongation			ASTM D882
MD : Break, 25 µm,Blown Film	560	%	
TD : Break, 25 µm,Blown Film	650	%	
Dart Drop Impact (25 µm, Blown Film)	110	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD : 25 µm, Blown Film	320	g	
TD : 25 µm, Blown Film	400	g	
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 25.0 µm, Blown Film)	76		ASTM D1790
Haze (25.0 µm, Blown Film)	3.0	%	ASTM D1003
Yellowness Index (0.0250 mm)	-1.5	YI	ASTM D1925

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