

Jam PE 526F1

High Density Polyethylene
Jam Petrochemical Company

Message:

Jam PE 526F1 is a High Density Polyethylene product. It can be processed by blow molding and is available in Africa & Middle East. Typical application: Containers. Primary characteristic: impact resistant.

General Information			
Features	High Impact Resistance		
	Wide Molecular Weight Distribution		
Uses	Blow Molding Applications		
	Blown Containers		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.952	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)			ASTM D1238
190°C/2.16 kg	0.12	g/10 min	
190°C/5.0 kg	0.55	g/10 min	
Environmental Stress-Cracking Resistance	100	hr	
Flow Rate Ratio	> 120		ASTM D1238
Titanium	3	ppm	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, Compression Molded	27.5	MPa	
Break, Compression Molded	34.0	MPa	
Tensile Elongation (Break, Compression Molded)	> 850	%	ASTM D638
Flexural Modulus (Compression Molded)	1230	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	250	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	126	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Yellowness Index	0.0	YI	ASTM D1925

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