

# Jam PE 60518

High Density Polyethylene  
Jam Petrochemical Company

Message:

Jam PE 60518 is a High Density Polyethylene product. It can be processed by injection molding and is available in Africa & Middle East.  
Characteristics include:  
Fast Molding Cycle  
Homopolymer

General Information			
Features	Fast Molding Cycle		
	Homopolymer		
	Narrow Molecular Weight Distribution		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	18	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, Compression Molded	31.5	MPa	
Break, Compression Molded	29.0	MPa	
Flexural Modulus (Compression Molded)	1430	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	20	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	102	°C	ASTM D648
Vicat Softening Temperature	125	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Yellowness Index	0.50	YI	ASTM D1925

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