

Jam PE 52505

High Density Polyethylene
Jam Petrochemical Company

Message:

Jam PE 52505 is a High Density Polyethylene product. It can be processed by injection molding and is available in Africa & Middle East. Typical application: Containers. Primary characteristic: copolymer.

General Information			
Features	Copolymer		
	Narrow Molecular Weight Distribution		
Uses	Containers		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.950 to 0.954	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0 to 6.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, Compression Molded	> 27.0	MPa	
Break, Compression Molded	> 18.0	MPa	
Flexural Modulus (Compression Molded)	> 1200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	> 55	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	> 82.0	°C	ASTM D648
Vicat Softening Temperature	> 124	°C	ASTM D1525

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