

Jam PE 60507

High Density Polyethylene
Jam Petrochemical Company

Message:

Jam PE 60507 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: homopolymer.

General Information			
Features	Homopolymer		
	Narrow Molecular Weight Distribution		
Uses	Crates		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.958	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.5 to 8.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, Compression Molded	> 30.0	MPa	
Break, Compression Molded	13.0	MPa	
Tensile Elongation (Break, Compression Molded)	350	%	ASTM D638
Flexural Modulus (Compression Molded)	> 1500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	> 36	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	> 127	°C	ASTM D1525

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