Jam PE 60505

High Density Polyethylene

Jam Petrochemical Company

Message:

Jam PE 60505 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 to 0.962	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.5 to 6.5	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength			ASTM D638
Yield, Compression Molded	> 30.0	MPa	
Break, Compression Molded	> 16.0	MPa	
Tensile Elongation (Break, Compression Molded)	200	%	ASTM D638
Flexural Modulus (Compression Molded)	> 1480	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	> 46	J/m	ASTM D256A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	> 78.0	°C	ASTM D648
Vicat Softening Temperature	> 127	°C	ASTM D1525

Recommended distributors for this material

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