Arak LLDPE HD5218EA

High Density Polyethylene

Shazand (Arak) Petrochemical Corporation

Message:

HD5218EA is a high density polyethylene copolymer grade with a narrow molecular weight distribution, suitable for thin wall injection moulding applications.
Characteristics:
High flow.
High warpage resistance.
Suitable for fast cycling applications.
Typical applications are:
House wares.
Caps & closures.
Thin walled containers.
PET bottle bases.
* HD5218EA is suitable for food contact.

General Information			
Features	Copolymer Food Contact Acceptable High Flow Narrow Molecular Weight Distribution Vulcanizable		
Uses	Bottles Caps Closures Household Goods Thin-walled Containers		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.952	g/cm^3	ASTM D2838
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)	66		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	26.0	MPa	ASTM D638
Tensile Elongation (Break)	1000	%	ASTM D638
Flexural Modulus	1000	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength	5.0	kJ/m^2	ASTM D256

Recommended distributors for this material

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