

Eleme HIG20060

High Density Polyethylene

Eleme Petrochemical Company Ltd

Message:

Household containers like bucket, mug, general purpose housewares, caps, lids, small size paint pails, etc

General Information			
Uses	Caps		
	Containers		
	Household Goods		
	Lids		
	Pails		
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)	20	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	62		ASTM D1706
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	23.0	MPa	ASTM D638
Tensile Elongation (Break)	530	%	ASTM D638
Apparent Bending Modulus	758	MPa	ASTM D747
Impact	Nominal Value	Unit	Test Method
Tensile Impact Strength	80.0	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	120	°C	ASTM D1525 ¹
NOTE			
1.	Loading 1 (10 N)		

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