

Eleme HBG00356

High Density Polyethylene

Eleme Petrochemical Company Ltd

Message:

Recommended for medium size containers like lube oil, edible oils, general purpose, etc.

General Information			
Uses	Containers		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.956	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	67		ASTM D1706
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.1	MPa	ASTM D638
Tensile Elongation (Break)	960	%	ASTM D638
Apparent Bending Modulus	896	MPa	ASTM D747
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	125	°C	ASTM D1525 ¹
NOTE			
1.	Loading 1 (10 N)		

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