

Eleme HIG07060

High Density Polyethylene
Eleme Petrochemical Company Ltd

Message:
Tote boxes, crates, luggage shells, chair shells, etc.

General Information			
Uses	Containers		
	Crates		
	Furniture		
	Luggage		
	Tool/Tote Box		
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)	7.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ASTM D1706
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.0	MPa	ASTM D638
Tensile Elongation (Break)	1200	%	ASTM D638
Apparent Bending Modulus	965	MPa	ASTM D747
Impact	Nominal Value	Unit	Test Method
Tensile Impact Strength	100	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	129	°C	ASTM D1525 ¹
NOTE			
1.	Loading 1 (10 N)		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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