

Eleme HBG00346

High Density Polyethylene
Eleme Petrochemical Company Ltd

Message:

Excellent ESCR properties. Recommended for small containers like lube oil, detergent, cosmetic, pesticide, pharmaceutical, general purpose, etc.

General Information			
Features	High ESCR (Stress Crack Resist.)		
Uses	Containers		
	General Purpose		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.946	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)	64		ASTM D1706
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	23.0	MPa	ASTM D638
Tensile Elongation (Break)	680	%	ASTM D638
Apparent Bending Modulus	745	MPa	ASTM D747
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	123	°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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