

Eleme HPG00340

Medium Density Polyethylene

Eleme Petrochemical Company Ltd

Message:

Small/medium diameter pipe for potable water system, OFC ducts, sewage and irrigation areas.

General Information			
Uses	Piping		
	Plumbing Parts		
Physical	Nominal Value	Unit	Test Method
Density	0.942	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.28	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)	20.0	MPa	ASTM D638
Tensile Elongation (Break)	800	%	ASTM D638
Apparent Bending Modulus	580	MPa	ASTM D747
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	119	°C	ASTM D1525 ¹
NOTE			
1.	Loading 1 (10 N)		

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