

Eleme BRG04235

Linear Low Density Polyethylene
Eleme Petrochemical Company Ltd

Message:
Water storage tanks, chemical tanks, loft tanks, milk cans, pallets, refuse carts, storage bins, garbage bins, etc.

General Information			
Uses	Containers		
	Food Containers		
	Fuel Tanks		
	Tanks		
	Waste Containers		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.932	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.2	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	150	hr	ASTM D1693C
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	13.8	MPa	ASTM D638
Tensile Elongation (Break)	900	%	ASTM D638
Apparent Bending Modulus	380	MPa	ASTM D747
Impact	Nominal Value	Unit	Test Method
Tensile Impact Strength	180	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	123	°C	ASTM D1525 ¹
NOTE			
1.	Loading 1 (10 N)		

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