

Egyeuroptene LLDPE 2650

Linear Low Density Polyethylene

Egyptian European Company

Message:

Designed for compounding & masterbatch

General Information			
Features	Low Density		
Uses	Compounding		
	Masterbatch		
Processing Method	Compounding		
Physical	Nominal Value	Unit	Test Method
Density	0.926	g/cm ³	ISO 1872-1
Apparent Density	0.42 to 0.50	g/cm ³	ASTM D1895
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	50	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (23°C, F50)	> 60.0	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	16.0	MPa	ISO 527-2/1
Tensile Strain (Break)	100	%	ISO 527-2/1
Flexural Modulus	280	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	43	kJ/m ²	ISO 179
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	7.0E+15	ohms · cm	ASTM D257
Dielectric Strength	60	kV/mm	ASTM D149
Dielectric Constant	2.15		ASTM D150
Dissipation Factor	1.0E-3		ASTM D150

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