

KMI PE LDPE REPRO

Low Density Polyethylene

KMI Group, Inc.

Message:

This material displayed very elastic properties. Tensile testing showed full extension to 900mm at 5mm per minute without breaking. Material also registered a No-Break on all five IZOD specimens. Shrink values showed very high as well.

General Information			
Features	Low density		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	< 1.00	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	19	%	ASTM D955
Ash Content	2.4	%	ASTM D5630
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	94		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	8.63	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	680	J/m	ASTM D256

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Recommended distributors for this material

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