

Terralene® LL 1303

Low Density Polyethylene + LLDPE

FKuR Kunststoff GmbH

Message:

Linear low density polyethylene, butene copolymer, blended with low-density polyethylene. Suitable for extrusion coating and lamination applications.

General Information	
Features	Butene Comonomer
	Copolymer
	Recyclable Material
	Renewable Resource Content
Uses	Coating Applications
	Laminates
Forms	Pellets
Processing Method	Extrusion Coating
	Laminating

Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.4 to 3.0	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	3.20 to 4.00	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	200	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	15.0	MPa	
Break	14.0	MPa	
Tensile Strain			ISO 527-2
Yield	480	%	
Break	> 480	%	
Flexural Modulus	180	MPa	ISO 178
Flexural Stress (3.5% Strain)	5.70	MPa	ISO 178
Flexural Strain at Break	No break	%	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	68	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	95.0	°C	ISO 306/A

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Recommended distributors for this material

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