

Recycled Linear Low Density Polyethylene

Product Description

Linear Low Density Polyethylene grades are suitable for general purpose thin Film / Stretch / Agricultural Films

Approximate levels: PIB 1.5% - 2%

Applications

This is a recycled product produced from clean production waste, conditions may vary from specification sheet.

Typical data					
Resin Properties		Unit		Value	ASTM
Value (1)	ASTM Method		Unit	(1)	Method
Melt Flow Rate @ 190°C & 2.16 kg load			g/10 min	1.0	ASTM D792
Density @190°C			g/rn3	.920	ASTM D1238
Mechanical Properties					
Tensile Strength @'break,		MD	MPa	50	D 882
		TD	MPa	18	
Tensile Elongation @ break,		MD		510%	D 882
		TD	%	720%	
Tensile Strength @ yield,		MD		8	D 882
		TD	MPa	10	
1% Secant Modulus,		MD		200	D 882
		TD	MPa	180	
Dart Impact Strength			g	47 N	D 1709
Elmendorf Tear Strength,		MD	130g	130	D 1922
		TD	550g	550	
Thermal Properties					
Vicat Softening Point			deg C	106 c	D 1525
Optical					
Gloss				62	
Haze				7.0%	