

## Technical Datasheet

### LTL2130

#### 1) Product Description:

LTL2130 as “Low Density Polyethylene” LDPE is a grade with excellent toughness and outstanding biaxial shrink properties. The material contains only antioxidant, has very low energy consumption during processing and has excellent de\raw down ability.

#### 2) Applications:

- ✓ LTL 2130 can be used for general packaging applications, particularly those requiring a measure of shrink.
- ✓ Food packaging
- ✓ Pharmaceutical Application

#### 3) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
MFI (190°C/2.16 Kg)	ISO 1133	dg/min	0.3
Density	ISO 1183 (A)	kg/m <sup>3</sup>	921
Impact strength	ASTM D 4272	KJ/m	31
Tear strength TD	ISO 6383-2	KN/m	45
Tear strength MD	ISO 6383-2	KN/m	20
Yield stress TD	ISO 527	MPa	10
Yield Stress MD	ISO 527	MPa	11
Tensile Stress at break TD	ISO 527	MPa	24
Tensile Stress at break MD	ISO 527	MPa	22
Strain at break TD	ISO 527	%	>500
Strain at break MD	ISO 527	%	>350
Modulus of elasticity TD	ISO 527	MPa	150
Modulus of elasticity MD	ISO 527	MPa	140
Coefficient of friction	ASTM D 1894		0.7
Blocking	SABTEC method	g	<5
Re-Blocking	SABTEC method	g	20
Haze	ASTM D 1003A	%	12
Gloss (45°)	ASTM D 2457	%	55
Clarity		mV	50

\* Film properties have been measured at 120µm with BUR of 3

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