



## HDPE FILM

### L2100TN00

Low Density Poly Ethylene for Blown Film

#### Typical applications:

Grade with excellent toughness and tear strength and outstanding shrink properties.very low energy consumption during processing and has excellent draw down ability.The material contains no additives and is suitable for application in shrinkhoods,industrial sacks,heavy duty carrier bags and liners.

#### Additives:

Anti oxidant.

#### Typical data – L2100TN00

PROPERTIES	TEST METHOD	UNIT	VALUE
Polymer Properties			
Melt Flow Rate		dg/min	0.3
Density		kg/m <sup>3</sup>	921
Optical Properties			
Gloss (45°)	ASTM D 2457	%	46
Haze	ASTM D 1003A	%	12
Clarity	SABTEC method	mV	65
Mechanical Properties			
Impact strength	ASTM D 4272	kJ/m	35
Tear strength TD		kN/m	25
Tear strength MD		kN/m	20
Tensile test			
Yield stress TD		MPa	11
Yield Stress MD		MPa	12
Tensile Stress at break TD		MPa	26
Tensile Stress at break MD		MPa	29
Strain at break TD		%	> 500
Strain at break MD		%	> 200
Modulus of elasticity TD		MPa	190
Modulus of elasticity MD		MPa	180
Coefficient of friction	ASTM D 1894		0.7
Blocking		g	<5
Re-Blocking		g	30