



LDPE L2100TN00

Application

PETRO

BOURSE

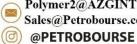
Grade with excellent toughness and tear strength and outstanding shrink properties.very low energy consumption during processing and has excellent draw down ability. The material contains no additives and is suitable for application in shrinkhoods, industrial sacks ,heavy duty carrier bags and liners.

Typical Data

Broportion	Value	Unit	Test Method
Properties	Value	Unit	Test Method
Polymer Properties Melt Flow Rate	0.2	da /min	
Density	0.3 921	dg/min kg/m³	
Optical Properties	021	Ng/III	
Gloss (45 [°])	46	%	ASTM D 2457
Haze	12	%	ASTM D 100 <mark>3A</mark>
Clarity	65	mV	SABTEC method
Mechanical Properties			
Impact strength	35	kJ/m	ASTM D 4272
Tear strength TD	25	kN/m	
Tear strength MD	20	kN/m	
Tensile test			
Yield stress TD	11	MPa	
Yield Stress MD	12	MPa	
Tensile Stress at break TD	26	MPa	
Tensile Stress at break MD	29	MPa	
Strain at break TD	> 500	%	
Strain at break MD	> 200	%	
Modulus of elasticity TD	190	MPa	
Modulus of elasticity MD	180	MPa	
Coefficient of friction	0.7		ASTM D 1894
Blocking	< 5	g	
Re-Blocking	30	g	

* Film properties have beed measured at 45 µm films





Polymer2@AZGINT.com Sales@Petrobourse.com

+(98) 938 441 3070 +(98) 21 221 33 714

