



LDPE L2100TN00

Low Density Poly Ethylene for Blown Film

Application

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

L2100TN00 is a heavy duty film grade produced by the tubular process without additives.

The LPC Polyethylene are supplied in the form of pellets in bulk or in 25 kg bags. The bags are delivered on shrink-wrapped pellets, with a total weight of 1375 kg per pallet.

Typical Data

Properties	Value	Unit	Test Method
Polymer Properties			
Melt Flow Rate	0.3	dg/min	
Density	921	kg/m ³	
Optical Properties			
Gloss (45°)	46	%	ASTM D 2457
Haze	12	%	ASTM D 1003A
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 been measured at 45 µm films