

LDPE L2102TX00

Low Density Poly Ethylene for Blown Film

Application

For general purpose film without additives. used in a wide range of widths and thicknesses for pouches, bags, liners and lamination film.

Additives

Anti oxidant

Typical Data

L2102TX00 is a standard 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 pallets, with a total weight of 1375 kg per pallet.

Properties	Value	Unit	Test Method
Polymer Properties			
Melt Flow Rate	1.9	dg/min	
Density	921	kg/m ³	
Optical Properties			
Gloss (45°)	50	%	ASTM D 2457
Haze	11	%	ASTM D 1003A
Clarity	29	mV	SABTEC method
Mechanical Properties			
Impact strength	26	kJ/m	ASTM D 4272
Tear strength TD	25	kN/m	
Tear strength MD	60	kN/m	
Tensile test			
Yield stress TD	11	MPa	
Yield Stress MD	13	MPa	
Tensile Stress at break TD	20	MPa	
Strain at break TD	>500	%	
Strain at break MD	>150	%	
Modulus of elasticity TD	200	MPa	
Modulus of elasticity MD	190	MPa	
Coefficient of friction	>1		ASTM D 1894
Blocking	20	g	
Re-Blocking	100	g	

* Film properties have been measured at 25µm films .

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