

LDPE 2102TX00

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

Polymer Properties	Unit	Value	Test Method
Melt Flow Rate (MFR)	dg/min	1.9	
Density	kg/m ³	921	
Optical Properties			
Gloss (45°)	%	50	ASTM D 2457
Haze	%	11	ASTM D 1003A
Clarity	mV	29	SABTEC method

Mechanical Properties ²⁾	Unit	Value	Test Method
Impact strength	kJ/m	26	ASTM D 4272
Tear strength TD	kN/m	25	
Tear strength MD	kN/m	60	
Tensile test			
Yield stress TD	MPa	11	
Yield Stress MD	MPa	13	
Tensile Stress at break TD	MPa	20	
Strain at break TD	%	>500	
Strain at break MD	%	>150	
Modulus of elasticity TD	MPa	200	
Modulus of elasticity MD	MPa	190	
Coefficient of friction		>1	ASTM D 1894
Blocking	g	20	
Re-Blocking	g	100	

* Film properties have been measured at **25µm** films

Packing

The LPC Polyethylene is 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.

***Values shown are averages & will not to be considered as product exact technical specifications.**