
Technical Datasheet

L2102TX00

1) Product Description:

LDPE (L2102TX00) covers a wide variety of densities as well as melt flow rates. The LDPE grade slate has a wide variety of slip and anti-block additives levels and includes large numbers of grades with excellent optical properties. The product offers a very low level of gel content, outstanding draw-down ability, low odor and taste levels, which is of advantage for thin film processing and e.g. food packaging.

2) Applications:

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

3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Melt Flow Rate		dg/min	1.9
Density		kg/m ³	921
Gloss (45°)	ASTM D 2457		50
Haze	ASTM D 1003A	%	11
Clarity	SABTEC method	mV	29
Impact strength	ASTM D 4272	kJ/m	26
Tear strength TD		kN/m	25
Tear strength MD		kN/m	60
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	ASTM D 1894		>1
Blocking		g	20
Re-Blocking		g	100

* Film properties have been measured at 25µm films