

LLDPE

Product description

Product	Linear Low Density Polyethylene
Properties	film extrusion (blown) grade
Applications	Intended for production of packing stretch film by blown extrusion, for bags and inserts.

Physico-chemical properties

Characteristic		Unit	Value
Density	at 23° C	kg/m ³	0.918 – 0.923
	at 20° C		0.920 – 0.925
Melt flow index at 190° C and load of 2.16 kg		g/10min	min 0.7 – 1.5
Melt flow index spread within a batch		%	max ± 10
Number of inclusions		pieces	max 8
Melt flow ratio (MFI 21.6/MFI 2.16)		-	max 20 - 35
Tensile yield strength		MPa	min 9
Rupture strength		MPa	min 22
Elongation at break		%	min 700
Weight content of pellets less than 2 mm and more than 5 to 8 mm in size		%	max 1

Storage and packing

Storage conditions	shall be stored in enclosed dry space preventing from direct sunlight on shelves or pallets at least 5 cm from the floor and at least 1 m from heaters, at temperature max 30° C, relative humidity max 80%
Packing	Product is packed in polyethylene bags (one bag net weight 25.00±0.25kg) and stacked on flat pallets with shrink film. Maximum gross weight of a bundle is 2 tons.