

LDPE

Product description

Product	Low Density Polyethylene
Properties	Cable extrusion grade
Applications	Intended for application of insulation, sheaths and protective covering to wires and cables by means of extrusion.

Physico-chemical properties

Characteristic		Unit	Value
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%	kg/m ³	Not specified
Density	of 2.16 kgf within the limits	g/10min	0.21 - 0.39
Melt flow index at load	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.	%	max ± 8
Melt flow index spread within a batch		hour	min 8
Thermo-oxidative stability			
Photo-oxidative stability		hour	min 500
Stress cracking resistance		hours	min 1000
Tensile yield strength		MPa	min 9.8
Rupture strength		MPa	min 13.7
Elongation at break		%	min 600

Storage and packing