

## LOW DENSITY POLYETHYLENE

### LDPE

#### GRADE: 15313-003

##### Typical applications

LDPE grade **15313-003** is intended for manufacture of thin films and film products, shrinkable films, films for food contact (including air - tight packing), general purpose films, bags and packages. To be used for covering the articles allowed for food contact, for manufacture of pipes and fittings allowed for cold domestic water supply.

#### TECHNICAL CHARACTERISTICS

	Parameter	Standard
1.	Density, g/cm <sup>3</sup>	0,9205 ± 0,0015
2.	Melt flow index (MFI), ((nominal value) with a tolerance), %, g/10 min g/10 min	0,3 ± 30
3.	Melt flow index spread within a batch, %, maximum	±6
4.	Number of inclusions, pieces, maximum	2
5.	Stress cracking resistance, hours, minimum	500
6.	Tensile yield strength, MPa, minimum	9,8
7.	Rupture strength, MPa, minimum	13,7
8.	Elongation at break, %, minimum	600

Supply form: Pallets

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.

Transport: by all modes of transport.

Storage: polyethylene 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 1m from heaters, at a temperature max 30°C, relative humidity max 80%

Prior to processing bags with polymer shall be kept in production are for at least 12 hrs.

Information contained herein is provided to the best of our knowledge and is considered true on the revision date. This specification does not release a customer from obligation to check the product as to suitability thereof for the intended application. A producer shall not be liable for any loss and damage that might occur due to use of this information.