

LOW DENSITY POLYETHYLENE  
GRADE FA2004

*Film extrusion*  
*Cable extrusion*

**APPLICATION**

**Grade FA2004** is intended for manufacture of single-layer and multi-layer packing films; shrinkable films; films of various application 50 µm and more; protective covering with long service life and high cracking resistance; for usage in compositions in order to increase rigidity and cracking resistance of end products; for manufacture of products of various application in contact with food.

**TECHNICAL CHARACTERISTICS**

	Parameter	Standard
1.	Density, g/cm <sup>3</sup>	0.917÷0.922
2.	Melt flow index, g/10 min, within the limits	0.25÷0.49
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	9.5
7.	Rupture strength, MPa, minimum	13.0
8.	Elongation at break, %, minimum	500

Supply form: Pellets

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.

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

Prior to processing bags with polymer shall be kept in production area 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.