

LOW DENSITY POLYETHYLENE
GRADE 15813-020

Film extrusion
Injection molding

APPLICATION

Grade 15813-020 is intended for manufacture of products, allowed for food contact, for manufacture of toys. To be used for manufacture of medical accessories, assemblies and parts of medical equipment, devices and tools, allowed for body tissue contact including for internal prosthetics.

TECHNICAL CHARACTERISTICS

	Parameter	Standard
1.	Density, g/cm ³	0.9190±0.002
2.	Melt flow index (nominal value) with a tolerance), %, g/10 min	2.0±25
3.	Melt flow index spread within a batch, %, maximum	±6
4.	Number of inclusions, pieces, maximum	2
5.	Tensile yield strength, MPa, minimum	9.3
6.	Rupture strength, MPa, minimum	11.3
7.	Elongation at break, %, minimum	600
8.	Mass fraction of extractable substances, %, maximum	0.4

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.