

HIGH DENSITY POLYETHYLENE

HDPE

GRADE: PE2NT76-17

Typical applications

Grade PE2NT76-17 is intended for further processing by extrusion blow moulding method into domestic and industrial-use articles with a capacity of up to 3 liters such as flasks, water bottles, bottles for household chemistry and cosmetics. PE2NT76-17 is suitable also for Film Extrusion (blown) technology.

TECHNICAL CHARACTERISTICS

	Parameter	Standard
1.	Density, kg/m ³ at 23°C at 20°C	955 - 961 957 - 963
2.	Melt flow index at 190°C and load of 49 N (5kgf), g/10 min	2.3 - 3.3
3.	Melt flow index spread within a batch, %, maximum	±10
4.	Number of inclusions, pieces, maximum	5
5.	Weight content of ash, %, maximum	0.03
6.	Weight content of volatile substances, %, maximum	0.09
7.	Tensile yield strength, MPa minimum	26
8.	Rupture strength, MPa, minimum	30
9.	Elongation at break, %, minimum	750
10.	Cracking resistance, hours, minimum	30

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 Information contained herein is provided to the best of our knowledge and is considered true on the revision date. This specification does not for any loss and damage that might occur due to use of this information