

HDPE

Product description

Product	High Density Polyethylene
Properties	Blow molding grade
Applications	Intended for further processing by extrusion blow moulding method into domestic and industrial-use articles with a capacity of 3-20 litres such as flasks, water bottles, bottles for household chemistry and cosmetics.

Physico-chemical properties

Characteristic		Unit	Value
Density	at 23° C	kg/m ³	946 - 953
	at 20° C		949 - 955
Melt flow index at 190° C and load of 2.16 kg		g/10min	min 1.5 – 2.0
Melt flow index spread within a batch		%	-
Number of inclusions		pieces	-
Weight content of ash		%	-
Weight content of volatile substances		%	-
Tensile yield strength		MPa	min 26
Rupture strength		MPa	min 30
Elongation at break		%	min 750
Cracking resistance		hours	min 60

Storage and packing

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%
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.