

Producer: KAZANORGSINTEZ / RUSSIA

## HDPE P2NT76-17

## High Density Polyethylene PE2NT 76-17

BLOW MOULDING GRADE

**PROPERTIES**

PE2NT 76-17 is a high density polyethylene obtained by ethylene polymerisation at low pressure. It is a blow moulding grade suitable for the production of corrugated pipes and containers (up to 20 litres)

PROPERTY	UNIT	VALUE
Melt Flow Index (190°C / 5 kg.)	g/10 min	2,3 -3,3
Melt Flow Index distribution within a batch, not more than	%	+/- 10
Density at 20°C	g/m <sup>3</sup>	0,957 – 0,966
Density at 23°C	g/m <sup>3</sup>	0,955 – 0,963
Tensile stress at Yield	MPa	30
Yield Strength	MPa	26
Elongation at Break	%	750
ESCR		30

**APPLICATION**

PE2NT 76-17 is indicated for production of blow moulding containers such as for milk, detergents, juices etc. and corrugated pipes.

**PACKAGE AND STORAGE CONDITIONS**

Pellets are packed in 25 kg. bags single layer in PE and packed on shrink-wrapped pallets at eligible load of polymer 1000 or 1250 kg.

If polymer is stored in conditions of high humidity and fluctuating temperatures, then atmospheric moisture can condense inside the packing. If it happened, it is recommended the pellets to be dried before use. During the storage polyethylene should not be exposed to UV radiation. Producer does not take responsibility for any damages caused by adverse storage.