

## PRODUCT TECHNICAL DATA SHEET

### AQUA NEOPET® 76

#### General information

##### Product Description

Aqua NEOPET® 76 is food grade PET copolyester with low content of acetaldehyde, specially formulated for conversion into mineral water bottles to minimise the taste tainting of critical mineral waters.

Aqua NEOPET® 76 is designed to meet the most stringent standards for low content of acetaldehyde in preforms, bottles and other containers.

This product gives optimum processing rates at both injection and stretch blow moulding on two-stage and single-stage processes.

##### Application / Uses

- ◆ Water bottles
- ◆ Containers
- ◆ Sheets

#### Product Properties

Property	Value	Test method
Intrinsic Viscosity (IV)	0.76 ± 0.02 dl/g	WN-B010-7040 D (Capillary visc.)
Melting Temperature (T <sub>m</sub> )	245 – 252 °C	WN-B010-7089 D (DSC)
Acetaldehyde content (AA)	< 1 ppm	WN-B010-9013 D (GC)
Color b	< 1	WN-B010-7136 D (HUNTER Lab)
Dust content	< 50 ppm	WN-B010-9031 D
Water content	< 0.2%	WN-B010-7159 D
Pellets weight	1.7±0.1 g/100 pellets	WN-B010-9038 D
Pellets shape	Spherical granules	-

##### Notes

Aqua NEOPET® 76 resin is considered safe for food packaging applications.

##### Warranty

Neo Group warrants that its products will comply with specifications and related regulatory compliance detailed in its publications.