

## PRODUCT TECHNICAL DATA SHEET

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### AQUA 76

#### General information

##### Product Description

*Aqua NEOPET 76* is food grade PET copolyester with low viscosity, brilliant clarity and excellent organoleptic properties.

*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
- ◆ PET film
- ◆ Other general purpose packaging

##### 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> )	248 ± 4 °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)
Fines	≤ 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	-

\*Ph/DCB 2 : 3 (w/w), 25°C

##### 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.