

## PRODUCT TECHNICAL DATA SHEET

Rev.00.2021/01/04



### General information

#### Product Description

NEOPET CYCLE 76 is food grade PET copolyester containing up to 15% of recycled PET, derived from a chemical recycling process. NEOPET CYCLE 76 has low viscosity, brilliant clarity and excellent organoleptic properties.

NEOPET CYCLE 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 molding 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.)
Recycled content	≤ 15%	-
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	≤ 4	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

NEOPET CYCLE 76 resin is considered safe for food packaging applications. The Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that product use complies with all relevant regulations and applicable laws.

#### Warranty

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