

## PRODUCT TECHNICAL DATA SHEET

### NEOPET® 82

#### General information

##### Product Description

NEOPET® 82 is a food grade PET copolymer designed for bottles containing highly carbonated soft drink water, which require high mechanical properties. It is also suitable for blow moulding that is used for warm fill application.

NEOPET® 82 is recommended also for the production of thermoformable sheets and in the manufacture of clear rigid containers produced by extrusion blow moulding with thin wall thickness.

##### Application / Uses

- ◆ Carbonated Soft Drink and Mineral Water bottles
- ◆ Edible oil, Juice, Sport drinks bottles
- ◆ Containers and Sheets for food packaging
- ◆ Thin wall thickness containers
- ◆ Large size containers
- ◆ Containers for Cosmetics and Households

#### Product Properties

Property	Value	Test method
Intrinsic Viscosity (IV)*	0.82 ± 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)
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	-

\*Ph/DCB 2 : 3 (w/w), 25°C

##### Notes

NEOPET® 82 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.