

## PRODUCT TECHNICAL DATA SHEET

### NEOPET® 84 FR

#### General information

##### Product Description

NEOPET® 84 FR (Fast Reheat) is a food grade PET copolymer recommended for packaging of highly carbonated soft drinks, where high mechanical properties are required. The enhanced energy absorption results in improved temperature control in the process, which in turn leads to improved material distribution and bottle properties, increased machine output and reduced energy consumption.

##### Application / Uses

- ◆ Carbonated Soft Drink and Mineral water bottles
- ◆ Edible oil, Juice, Sport drinks bottles
- ◆ Large size containers
- ◆ Containers for Cosmetics and Households

#### Product Properties

Property	Value	Test method
Intrinsic Viscosity (IV)*	0.84 ± 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 L	> 80	
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® 84 FR 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.