

PRODUCT TECHNICAL DATA SHEET

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General information

Product Description

Ultra NEOPET is a food grade PET homopolymer specially designed for biaxially oriented PET (BoPET) which possesses high tensile strength, chemical and dimensional stability, transparency, barrier properties and electrical insulation.

Application / Uses

- ◆ biaxially oriented PET film

Product Properties

Property	Value	Test method
Intrinsic Viscosity (IV)*	0.62 ± 0.02 dl/g	WN-B010-7040 D (Capillary visc.)
Melting Temperature (T _m)	255 ± 4 °C	WN-B010-7089 D (DSC)
COOH Content	≤ 40 mmol/kg	WN-B010-7013 D (Auto titration)
DEG content	≤ 1.2 %	WN-B010-9040D (GC)
Color L	≥ 75	WN-B010-7136 D (HUNTER Lab)
Color b	≤ 3	WN-B010-7136 D (HUNTER Lab)
Fines	≤ 100 ppm	WN-B010-9031 D
Water content	≤ 0.25 %	WN-B010-7159 D
Pellets weight	2.7 ± 0.1 g/100 pellets	WN-B010-9038 D
Pellets shape	Spherical granules	-

*Ph/DCB 2 : 3 (w/w), 25°C

Warranty

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