

BT Nyloplast GmbH

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National declaration of performance No. 2018.001.000

1. The name and trade name of the product:

Fittings made of Polypropylene (PP) SOLYDO, for non-pressure underground drainage and sewerage; DN 110, DN 125, DN 160, DN 200, DN 250, DN 315

Bend: DN 125, DN 160, DN 200

Coupler: DN 125, DN 160, DN 200, DN 250, DN 315

Slip coupler: DN 125, DN 160, DN 200, DN 250, DN 315

Reducer: DN 125/110, DN 160/110, DN 160/125, DN 200/160

Branch: DN 125/125, DN 160/160, DN 200/160, DN 200/200

T-piece: DN 110/110, DN 125/125, DN 160/160

2. Type of product:

SOLYDO PP Fittings, S 13,3, SN 8

3. Intended use or uses:

For non-pressure underground drainage and sewerage system for both buried in the ground within the building structure and outside the building structure - application area code - "UD";

4. Name and address of the producer and place of production of a product::

BT Nyloplast GmbH, Oberbernbacher Weg 24, D-86551 Aichach, Germany

5. Name and address of the authorized representative if it has been established: not applicable

6. The national system used to assess and verification constancy of performance: 4

7. National Technical Specification:

7a. Standard:

EN 1852-1_2018-03 "Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) - Part 1: Specifications for pipes, fittings and the system"

Name of the accredited certification body, accreditation number and number of national certificate or the name of an accredited laboratory / laboratories and accreditation number: not applicable

7b. National technical assessment: not applicable

Name of National technical assessment accreditation number and certificate number: not applicable

BT Nyloplast GmbH, part of Tessengerlo Group

UST-IDNR.: DE 159.812 055
Registergericht Augsburg HRB 27724
Geschäftsführer: Gabriel Spruijt, Roy Kuipers,
Joep van den Bosch

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Swift-BIC GENODEF1M01



8. Declared performance of product:

Main characteristics of product for the intended use or uses	Declared performance	Remarks
Melt mass-flow rate (MFR)	MFR ≤ 1,5g/10min	Testing of raw material. Test conditions in accordance to EN 1852-1:2018-03 point 5.3
Resistance to internal pressure	No failure during the test period	To be tested in pipe form on an optional diameter. Test conditions in accordance to EN 1852-1:2018-03 point 5.4
Thermal stability (OIT)	OIT ≥ 8min	Test conditions in accordance to EN 1852-1:2018-03 point 5.5
Appearance	The internal and external surfaces of fittings shall be smooth, clean and free from grooving, blistering, impurities and pores and any other surface irregularity	
Colour	Fittings shall be colored through the wall.	
Dimensions	According to the marking on the product; DN 110, DN 125, DN 160, DN 200, DN 250, DN 315; S 13,3	Dimensional tolerances according to EN 1852-1:2018-03 point 7.3.1 Table 2, point 7.3.3 Table 5, point. 7.4.1 Table 6
Mechanical properties	Impact strength (Drop test) 0°C: No damage	Test conditions in accordance to EN 1852-1:2018-03 point 8.2, Table 10
Physical properties	Effects of heating: The depth of cracks, delamination or blisters shall not be more than 20 % of the wall thickness around the injection point(s). No part of the weld line shall open to a depth of more than 20 % of the wall thickness.	Test conditions in accordance to EN 1852-1:2018-03 point 9.2, Table 12
Performance requirements: Leaktightness	Tightness of elastomeric sealing ring joints: no leakage during the water test, tight during the under pressure test (acceptable vacuum change max. 0,03bar)	Test conditions in accordance to EN 1852-1:2018-03 point 10, Table 14
	Elevated temperature cycling: no leakage before and after the test	Only for Applications area UD and DN ≤ 200. Test conditions in accordance to EN 1852-1:2018-03 point 10, Table 14

9. The performance of the product identified above is compatible with all the declared performances listed in Section 8. This National declaration of performance is issued in accordance with legal act of 16 April 2004 concerning building products, under the responsibility of the producer.

On behalf of the Producer signed:

Steffen Kurz, Teamleader Quality Assurance
(name, surname and position)

Aichach, 06.02.2019

(place and date)

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