

Declaration characteristics of the construction product

Issued based Ordinance № RD-02-20-1 5 February 2015 THE TERMS AND CONDITIONS OF USE OF BUILDING PRODUCTS IN THE CONSTRUCTION WORKS OF THE REPUBLIC OF BULGARIA

№ Master_3 plus

1. Unique identification code of product type:

Noiseless inhouse sewerage system (low and high temperature) of pipes and fittings, made of polypropylene (PP) with mineral insulation, type Master_3 plus, SN4 kN / m², DN / OD 32-160

2. National requirements (Minister of Regional Development and Public Works, national regulation) technical specification (national standards, the technical approval) applicable to construction product:

BDS EN 1451-1 Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Polypropylene (PP) - Part 1: Specifications for pipes, fittings and the system

3. Intended use or uses of construction product as specified by manufacturer:

The products are intended for inhouse sewerage and ventilation with high sound insulation, with ring stiffness and sizes, noted in appendix 1 to this declaration.

4. Name, registered trade name or registered trademark and contact address of manufacturer:

Pipelife Austria

5. Name of representative, distributor(if applicable):

Pipelife Bulgaria Ltd. Botevgrad. Str. Industrialna No. 3 Bulgaria

6. / Certification body (if applicable):

Fraunhofer IBR Stuttgart, test report P-BA/2018e and P-BA 91/2018e

7. Declared characteristics:

Characteristics	Performance	Test Specification
Geometric characteristics <ul style="list-style-type: none"> • nominal outside diameter, (mm) • wall thickness, (mm) e4 • wall thickness, (mm) e5 • wall thickness, (mm) ec • wall thickness of socket, (mm) • ovality, (mm) • internal diameter of socket, (mm) 	DN 32 – DN160	BNS EN ISO 3126:2005
Longitudinal reversion	$\leq 2\%$	BNS EN ISO 2505
Melt flow rate (230°C /2.16 kg)	MFR<3.0 g/10 min.	BNS EN ISO 1133-1
Impact 0°C	TIR $\leq 10\%$	BNS EN ISO 3127:2017
Impact -10°C	H50 $\geq 1m$	BNS EN ISO 11173:2017

8. The characteristics of the product identified in points 1 and 2 is in conformity with the declared characteristics in point 7.

This declaration of characteristics is issued under the sole responsibility of the manufacturer identified in point 4, or the representative according point 5.

Signed on behalf of the representative by:

31.08.2021 г.

Управител/ Manager:



гр. Ботевград/ Botevgrad Town

/ Алекс Хайрабедян / Alex Hairabedian/



Appendix №1 About Declaration characteristics of the construction product № Master_3 plus

Nominal size DN/OD	Ring Stiffness (kN/m ²)
DN/OD 32-160	SN 4, Pipes, S20
DN/OD 32-160	Fittings S16

Signed on behalf of the representative by:

31.08.2021 г.
гр. Ботевград/ Botevgrad Town



Управител/ Manager:
/ Алекс Хайрабедян // Alex Hairabedian /

