



„БУЛАКВА СТАНДАРТ“ ЕООД
ОРГАН ЗА СЕРТИФИКАЦИЯ НА СТРОИТЕЛНИ ПРОДУКТИ
„ЗНАК ЗА КАЧЕСТВО НА БАВ“

София 1046, бул. Христо Смирненски 1, УАСГ - Ректорат, ст. 115
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www.bulaqua-standart.com

F 7.0-14, v.1.1

C E R T I F I C A T E

FOR

„QUALITY MARK OF BWA“

TO PESTAN D.O.O.

FOR

Plastic pipes for water supply, and for drains and sewers under pressure from polyethylene (PE100, PE100RC)

Produced in: PESTAN D.O.O., Put 1300 Kaplara 188, 34301Bukovik, Arandjelovac, Serbia

Released on the market by: PESTAN D.O.O., Put 1300 Kaplara 188, 34301Bukovik, Arandjelovac, Serbia

The Certification Body for Construction Products “Quality Mark of BWA” (CBCP) to “BULAQUA Standart” LTD verifies that the construction products, described in the present certificate are assessed and conform to the requirements of Scheme A – Voluntary certification according to the following international standards:

BDS EN 12201-1:2024, BDS EN 12201-2:2024

According to Decision № PS-050-159/29.05.2026

Date of initial issuance: 27.05.2025

Date of issuance: 29.05.2026

Validity: 26.05.2027

CERTIFICATE № PS-050-089/29.05.2026

Signature:

Director of CBCP

/Dipl. Ing. Alexander Marinchev/



The validity of the certificate is 3 years and is annually re-issued after control check (audit) when there is determined conformity with the characteristics of the product and the conditions of the production or of the production control are not essentially altered. This certificate includes 2 annexes of 3 pages, which are an integral part of the same.

CBCP to “BULAQUA Standart” LTD is accredited with Accreditation certificate, reg. № 7 OCTI/ 29.04.2025, valid until 22.12.2027, published by Executive Agency “Bulgarian Accreditation Service”, according to the requirements of standard BDS EN ISO/IEC 17065:2012.

BULAQUA STANDART LTD

CERTIFICATION BODY FOR CONSTRUCTION PRODUCTS
“QUALITY MARK OF BWA”

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Annex №1

To certificate for “Quality Mark of BWA” № PS-050-089/29.05.2026

1. Dimensions and working pressure

№	Product	Working pressure PN, bar	Nominal size DN/OD, mm	Material	SDR
1.	Pipe	10 16	$16 \leq DN/OD < 75$	- PE100RC; - PE100 or PE100RC with coextruded layer of PE100RC; - PE100 with coextruded inside and outside of the pipe layer of PE100RC; - PE100RC with protective layer of PE or PP with copper wire for detection, blue colour	17 11
2.	Pipe	10 16	$75 \leq DN/OD < 250$		17 11
3.	Pipe	10 16	$250 \leq DN/OD < 710$		17 11

Issuance date: 29.05.2026

Sofia

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Director of CBCP
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Annex №2

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Evaluated characteristics in accordance with the international standards

Characteristic	Declaration requirement
Appearance	Smooth and clean surface, without cracks and surface pores According to BDS EN 12201-2:2024, item 6.1
Colour	For water for human consumption: blue or black with blue stripes For conveying untreated water, for sewerage under pressure and drainage, vacuum sewerage systems and for water for other purposes: black or black with brown stripes According to BDS EN 12201-2:2024, item 6.2
Geometrical characteristics, mm	According to BDS EN 12201-2:2024, Tables 1 and 2
Hydrostatic strength (80 °C-1000 h)	≥ 1000h without damage According to BDS EN 12201-2:2024, Table 3
Elongation at break, %	≥ 350 % According to BDS EN 12201-2:2024, Table 3
Oxidation induction time (thermal stability), min	≥ 10 min According to BDS EN 12201-2:2024, Table 5
Melt mass-flow rate (MFR), 190 °C/ 5 kg/ 10 min	Maximum deviation ± 20 % between the measured value MFR of the raw material and the pipe According to BDS EN 12201-2:2024, Table 5
Longitudinal reversion, %	≤3,0 %, original appearance of the pipe shall remain According to BDS EN 12201-2:2024, Table 5
Resistance to SCG for PE 100-RC Strain hardening test (SHT)	Declared characteristic of raw material by manufacturer According to BDS EN 12201-1:2024, Table 1
Resistance to SCG for PE 100-RC Accelerated notched pipe test (ANPT)	Declared characteristic of raw material by manufacturer According to BDS EN 12201-1:2024, Table 1





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Resistance to SCG for PE 100-RC
Cracked round bar test (CRB)

Declared characteristic of raw material by
manufacturer
According to BDS EN 12201-1:2024, Table 1

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