



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

София 1046, бул. Христо Смирненски 1, УАСГ - Ректорат, ст. 115
моб.: 0879 52 50 51 office@bulaqua-standart.com
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 drainage and sewerage 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, SD CEN/TS 12201-7:2014

According to Decision № PS-050-135/27.05.2025

Date of initial issuance: 27.05.2025

Date of issuance: 27.05.2025

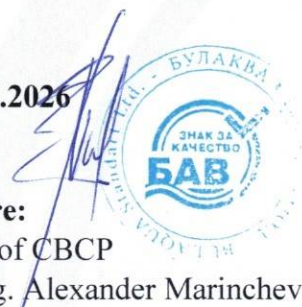
CERTIFICATE № PS-050-078/27.05.2025

Validity: 26.05.2026

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 OCII/ 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-050-078/27.05.2025

1. Dimensions and working pressure

№	Product	Working pressure PN, bar	Nominal size DN/OD, mm	Material	SDR
1.	Pipe	10 16	$16 \leq \text{DN/OD} < 75$	- 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	$75 \leq \text{DN/OD} < 250$		17 11
3.	Pipe	10 16	$250 \leq \text{DN/OD} < 710$		17 11

Issuance date: 27.05.2025

Sofia

Signature:

Director of CBCP
/Dipl. Ing. Alexander Marinchev/





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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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/Dipl. Ing. Alexander Marinchev/

