

CERTIFICATE OF CONFORMITY

027 - HYPBCПCРБ - 10/2025

Issued on the basis to Art. 14, par. 1 and/or par. 2 of Ordinance RD-02-20-1 of 2015. on the terms and conditions for use of construction products in the construction works of the Republic of Bulgaria (TCUCPCRB) of the Ministry of Regional Development and Public Works for the construction product.

HIGH DENSITY POLYETHYLENE (HDPE 100) PLASTIC PIPES FOR WATER SUPPLY, AND FOR DRAINS AND SEWERS UNDER PRESSURE

Trade mark: iPlast

Size groups: 1: < 75 ; 2: $75 \leq d_n < 250$; 3: $250 \leq d_n \leq 710$;
according CEN/TS 12201-7:2014

With parameters, identification and assessed characteristics (in accordance with national requirements), according to Annex No. 1 of this certificate.

marketed by

IGS RESOURCES SHPK

Elbasan zona Kadatsrale 3965, vol. 4., Nr Pasurie 832/1, Republic of Albania

and produced in

IGS RESOURCES SHPK

Elbasan zona Kadatsrale 3965, vol. 4., Nr Pasurie 832/1, Republic of Albania

This certificate certifies that the product has been assessed and complies with the national requirements set out in

БДС EN 12201-2:2024

and in item 7 of Appendix 2 (item 2) of Order RD-02-14-1329 of 03.12.2015. of the Minister of Regional Development and Public Works amended.

The certificate was issued for the first time on 07.07.2025. and remains valid until 06.07.2028, provided that the manufacturer ensures constancy of the product characteristics and conditions of production or production control are not significantly changed.

Sofia
07.07.2025

GENERAL MANAGER:

/Ph.D dipl. eng. Vasil Genadieff



ANNEX 1

to a certificate of conformity of a construction product

027 - НУРВСПСРБ - 10/2025

HIGH DENSITY POLYETHYLENE (HDPE 100) PLASTIC PIPES FOR WATER SUPPLY, AND FOR DRAINS AND SEWERS UNDER PRESSURE

Diameter, working pressure, SDR on the pipes.

Nominal diameter DN/OD	SDR 7,4	SDR 9	SDR 11	SDR 13,6	SDR 17	SDR 21	SDR 26	SDR 33	SDR 41
	PN 25	PN 20	PN 16	PN 12,5	PN 10	PN 8	PN 6	PN 5	PN 4
16	16	-	-	-	-	-	-	-	-
20	20	20	-	-	-	-	-	-	-
25	25	25	25	-	-	-	-	-	-
32	32	32	32	32	-	-	-	-	-
40	40	40	40	40	40	-	-	-	-
50	50	50	50	50	50	50	-	-	-
63	63	63	63	63	63	63	-	-	-
75	75	75	75	75	75	75	-	-	-
90	90	90	90	90	90	90	-	-	-
110	110	110	110	110	110	110	-	-	-
125	125	125	125	125	125	125	-	-	-
140	140	140	140	140	140	140	-	-	-
160	160	160	160	160	160	160	-	-	-
180	180	180	180	180	180	180	-	-	-
200	200	200	200	200	200	200	-	-	-
225	225	225	225	225	225	225	-	-	-
250	250	250	250	250	250	250	-	-	-
280	280	280	280	280	280	280	-	-	-
315	315	315	315	315	315	315	315	315	315
355	355	355	355	355	355	355	355	355	355
400	400	400	400	400	400	400	400	400	400
450	450	450	450	450	450	450	450	450	450
-	500	500	500	500	500	500	500	500	500
-	560	560	560	560	560	560	560	560	560
-	630	630	630	630	630	630	630	630	630

Note!

All pipe diameters specified in this application are in accordance with the standard and according to the manufacturer's catalog.



Assessed characteristics, in accordance with national requirements

CHARACTERISTICS	Value and tolerance of the tested parameter (according standard/certification)
Sanitary and hygienic requirements (release of harmful substances)	Sanitary and hygienic assessment of pipes and migration testing of finished products. According to BDS EN ISO 8795.
Appearance	According table NA. 7 from БДС EN 12201-2:2011+A1:2013/NA:2014.
Color	According item 5.2 from БДС EN 12201-2:2011+A1:2013/NA:2014.
Geometric characteristics	According table NA. 7 from БДС EN 12201-2:2011+A1:2013/NA:2014.
Hydrostatic strength (80°C, 165 hrs.)	According table NA. 7 from БДС EN 12201-2:2011+A1:2013/NA:2014.
Elongation at break	According table NA. 7 from БДС EN 12201-2:2011+A1:2013/NA:2014.
Oxidation induction time (OIT)	According table NA. 7 from БДС EN 12201-2:2011+A1:2013/NA:2014.
Melt flow index (MFR)	According table NA. 7 from БДС EN 12201-2:2011+A1:2013/NA:2014.

Sofia
07.07.2025 r.

GENERAL MANAGER:

/Ph.D dipl. eng. Vasil Genadiev



This appendix is an integral part of Certificate of Conformity No. 027 - NURVSPSRB – 10/2025.
Issued by IGS RESUORCES SHPK, Republic of Albania