

ZINPLAST Sp. z o.o.
32-340 Wolbrom ul. Garbarska 41
NIP 637-011-19-47 KRS 293317
Tel./fax 032 644-13-10, 644-18-84
www.zinplast.pl

NATIONAL DECLARATION OF FUNCTIONAL PROPERTIES

NO. PE/WK1

1. Trade name of a building product: **Polyethylene pipes for pressurized water systems and sewer systems**
2. Marking/label of the building product: **ZINPLAST, intended use (WATER or SEWERAGE), nominal diameter: 20 - 630, measurement interval SDR 11-17**
3. Intended use or applications: **PE 100 RC TYPE 1 and PE 100 RC TYPE 2 pipes are designed for erection of pressurized water supply systems and networks as well as pressure, vacuum and gravity sewerage systems and networks. Pipe networks PE 100 RC TYPE 1 and PE 100 RC TYPE 2 can be erected in native soil, without a ballast and backfilling, by traditional and narrow-trench methods. Pipes PE 100 RC TYPE 1 and PE 100 RC TYPE 2 can also be used for construction and renovation of water supply and sewerage networks, by trenchless methods.**
4. Name and address of a manufacturer/production site: **ZINPLAST Sp. z o. o. - ul. Garbarska 41, 32340 Wolbrom**
5. Name and address of the registered office of the representative, if applicable: **Not applicable**
6. Domestic system of verification and assessment of usable (functional) properties: **4**
7. Domestic technical specification:
 - 7a. Polish standard for the product: **PN-EN 12201-2+A1:2013-12 Systems of pipe conduits from plastics, intended to supply water and for pressurized storm water systems and sanitary systems, Polyethylene (PE). Part 2 Pipes**
Name of the accredited certification body, the accreditation number and national certificate number or the name of the accredited laboratory(s) and the accreditation number: **not applicable**
 - 7b. Domestic technical assessment: **ITB-KOT-2019/1205 rev. 1 Pipes PE 100 RC TYPE 1 and PE 100 RC TYPE 2**
Technical Assessment Body/National Technical Assessment Body: **ITB**
Name of the accredited certification body, the accreditation number and certificate number : **not applicable**

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Extension at breaking, %	≥350	-
Resistance to internal pressure.	No damages	-
Integrity of a structure of double-layer pipes	≥ 80% of the initial value of the circumferential stiffness	-
Slow crack propagation test (Notch Test)	No damages	-
Test FNCT (Full Notch Creep Test)	No damages	-
Resistance to local loading test	No damages	-

9. The performance of the product referred to above shall be in accordance with all the declared performance characteristics listed in point 8. This national declaration of performance is issued in accordance with the Act of 16 April 2004 on Construction Products under the sole responsibility of the manufacturer.

In the name of the manufacturer:

Bartosz Stempel,

Head of the Quality Assurance

Department Wolbrom, 16.01.2020