

NATIONAL DECLARATION OF FUNCTIONAL PROPERTIES NO. PE/HYDRO-ZIN

1. Trade name of a building product: **Polyethylene pipes and fittings for hydro-transport**
2. Marking/label of the building product: **ZINPLAST, range of diameters 90 - 630 mm, measurement interval SDR 9-21**
3. Intended use or applications: **The products are to be applied in plastic piping systems HYDRO-ZIN for pressure transport of solids through a stream of liquid.**
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. Factory's standard: **ZN/12/ZINPLAST-001/H piping systems HYDRO-ZIN for pressure transport of solids through a stream of liquid, transfer of gas fuels. 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: **Not applicable**

Technical Assessment Body/National Technical Assessment Body: **not applicable**

Name of the accredited certification body, the accreditation number and certificate number: **not applicable**

8. Declared usable (functional) properties:

Basic characteristics of the building product for intended use.	Declared usable (functional) properties	Remarks
Raw material:	Polyethylene PE 100	-
Color	black	-
External appearance	smooth areas, clean, no defects	-
Geometric properties	Diameters range: dn 90-630 mm, SDR 9, SDR 11, SDR 17, SDR 21	-
Flow speed index (MFR)	0,2 -1,4 g/10min	-
Elongation at break	≥350 %	-
Longitudinal shrinkage	≤3%	-

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 01.07.2019