

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](http://www.zinplast.pl)

## NATIONAL DECLARATION OF FUNCTIONAL PROPERTIES NO. PE/WK-K

1. Trade name of a building product: **Polyethylene fittings (PE) for pressurized water systems and sewer systems**
2. Marking/label of the building product: **ZINPLAST, intended use (WATER, SEWERAGE, or WATER/SEWERAGE), nominal diameter: 50 - 630, manufacture interval SDR 7.4-26**
3. Intended use or applications: **Polyethylene fittings are designed to supply water, for pressurized drainage systems and for sewer systems, and to supply water intended for other goals.**
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 12201-3+A1; 2013-05 Systems of pipe conduits from plastics, intended to supply water and for pressurized storm water systems and sanitary systems, Polyethylene (PE). Polyethylene (PE). Part 3: Fittings**

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**

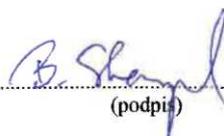
Technical Assessment Body/National Technical Assessment Body: **not applicable**

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 (referential documents)
Assortment	<ul style="list-style-type: none"> <li>● PE 80/100</li> <li>● PE100RC TYPE 1 (single-layer)</li> <li>● PE 100 RC TYPE 2 (double-layer)</li> </ul>	-
External appearance	Smooth areas, clean, no defects	-
Color	<ul style="list-style-type: none"> <li>● PE 80, PE 100 - blue, black with blue stripes (water), black (sewage), butt fittings</li> <li>● PE 100 RC Type 1 - navy blue, black with blue stripes (water), black (sewage)</li> <li>● PE 100 RC TYPE 2 - black inside and navy blue outside, black inside and black with blue stripes outside (water), black inside and black or brown outside (sewage)</li> <li>● butt fittings PE 80, PE 100, PE 100 RC - black</li> </ul>	-
Geometric properties	Range of diameters: dn 16-630 mm, SDR 7,4 - 41	-
Flow speed index (MFR)	0,2-1,4g/10min	-
Hydrostatic strength	20°C/100h, 80°C/165h, 80°C/1000h - no cracks	-
Elongation at break	≥350 %	-
Tensile strength of the butt weld	Plastic crack	-

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.

  
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 (podpis)

**In the name of the manufacturer:**

Bartosz Stempel, Head of the Quality Assurance Department

Wolbrom, 01.07.2019