

## PB piping systems

### Product specification

The products mentioned below belong to this certificate

Plastics piping systems of PB intended for the transport of cold and heated drinking water according to BRL-K536, part C.

The piping system exists of the following parts:

- Pipes (PB);
- mechanical fittings (PB);

### Detailed specification

The diameters and wall thicknesses indicated in the table below, belong to this technical approval-with-product certificate.

Nominal outside diameter in mm	Wall thickness in mm
15	1,7
16	1,8
20	2,3
22	2,0
22	2,4
25	2,3
28	2,5
32	2,9
40	3,7
50	4,6

Colour: grey.

### Toxicological requirements

The pipes and fittings used in this system are approved on the basis of the requirements set in the "Regeling materialen en chemicaliën leidingwatervoorziening" ("Regulation Materials and Chemicals for Drinking Water Supplies"; published in the Staatscourant). The ATA-criteria are recorded in the respective product certificates.

### Application and use

The products are intended to be used for piping systems for the transport of cold and heated drinking water, with an operating temperature profile according to class 2 of ISO 10508 and an allowable working pressure of maximum 10 bar.

### Marking

The Kiwa<sup>®</sup>-mark products are marked with the word mark "KIWA

The minimum required marking on the **pipe** shall be:

- Kiwa (or Kiwa quality mark) + ( Kiwa class 2/10 bar)
- the manufacturer's name or trade name, certificate number of the certified piping system in which they are certified;
- material identification of the build up to the pipe; PB
- nominal outside diameter and nominal wall thickness of the pipe in mm;
- production code for traceability.

The realization of the marks is as follows: durable and indelible at intervals of not more than 2 m.