

Product certificate K5139/06

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Replaces K5139/05
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PB Pipes

STATEMENT BY KIWA

With this product certificate, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

Wavin Limited

as specified in this product certificate and marked with the Kiwa[®]-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with Kiwa evaluation guideline BRL-K536 C "Plastics piping systems of PB intended for transport of hot and cold drinking water" dated 15-12-2011, inclusive amendment sheet dated 10-03-2015.



Ron Scheepers
Kiwa

*This product certificate is only valid in combination with a Kiwa certified plastics piping system.
Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.*

Kiwa Nederland B.V.
Sir Winston Churchillaan 273
Postbus 70
2280 AB RIJSWIJK
The Netherlands
Tel. +31 88 998 44 00
Fax +31 88 998 44 20
NL.Kiwa.info@Kiwa.com
www.kiwa.nl

Certificate holder
Wavin Limited
Edlington Lane, Edlington
DN12 1BY DONCASTER
United Kingdom
Tel. +44 (0)1709 856300
Fax +44 (0)1709 856301
www.wavin.co.uk

Production Location
Wavin Limited
Edlington Lane Edlington
DN 12 1 BY DONCASTER
United Kingdom
T +44 (0)1709 856300
F +44 (0)1709 856301

Importer
Wavin Netherlands B.V.
J.C. Kellerlaan 3
7772 Hardenberg
The Netherlands
T +31 (0)523 288911
F +31 (0)523 288546

- quality system
- product

PB Pipes

PRODUCT SPECIFICATION

5 layer PB pipes according to BRL-K 536 part C: Plastics piping systems of PB intended for the transport of cold and heated drinking water.

The pipe dimensions as indicated in the table below belong to this certificate.

Nominal outside Diameter (mm)	Wall thickness (mm)
15	1,7
22	2,0
28	2,6

Barrier layer pipe (inner / outer): white/white.

Fitness for contact with drinking water

This product is approved on the basis of the requirements for hygienic aspects set in the "Regeling materialen en chemicaliën drink- en warm tapwatervoorziening" ("Materials and chemicals in the supply of drinking water and warm tap water Regulation" dated 01-07-2017; published in the Government Gazette).

These hygienic aspects are based on two main criteria. The product shall permanently comply with:

- The product recipe approved during the assessment procedure. This recipe is not to be changed without prior approval by Kiwa according to the Kiwa approval procedure for the hygienic aspects;
- Specific product requirements for the hygienic aspects.



The recipe and specific product requirements are laid down in the for confidentiality reasons undisclosed 'appendix hygienic aspects' to this certificate.

MARKING

The products are marked with the Kiwa-mark.

Pipes

The minimum required marking on the pipes shall be:

- **KIWA**  or  * + Class 2 / 10 bar;
- the manufacturer's name, trade name, system name, logo or certificate number of accompanying technical approval (system)certificate;
- material identification: PB;
- the build up of the pipe: PB/EVOH/PB;
- nominal outside diameter and nominal wall thickness of the pipe in mm;
- production code.

Location of the marks: on every pipe at intervals of not more than 2 m.

The realization of the marks is as follows: clear durable and indelible.

*) for smaller diameters permitted by Kiwa

LOGISTICS

Production and assembly of the system is laid down in the annex of the certification agreement.

APPLICATION AND USE

The medium pipes and fittings are designed for drinking water installations with a lifetime of 50 years at an operating temperature profile according to class 2 of NEN-ISO 10508 and an allowable working pressure of maximum 10 bar.

PB Pipes

RECOMMENDATIONS FOR CUSTOMERS

Check at the time of delivery whether:

- the supplier has delivered in accordance with the agreement;
- the mark and the marking method are correct;
- the products show no visible defects as a result of transport etc.

If you should reject a product on the basis of the above, please contact:

- Wavin Limited
- and, if necessary,
- Kiwa Nederland B.V.

Consult the supplier's processing guidelines for the proper storage and transport methods.