

## Product certificate K57643/05

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Replaces K57643/04

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### PE-RT type 2 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

### hpg plastics gmbh

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 H "Plastics piping systems of PE-RT type II 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](http://www.kiwa.nl) in order to ensure that this certificate is still valid.*

# CERTIFICATE

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Certification process  
consists of initial and  
regular assessment of:

- quality system
- product

## PE-RT type 2 pipes

**PRODUCT SPECIFICATION**

PE-RT type 2 pipes according to BRL-K 536, part H: Plastics piping systems of PE-RT type 2 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)	
	1 layer pipe or 2 layer coextruded pipe	5 layer pipe PE-RT / adhesive / EVOH / adhesive / PE-RT
10	1.3 or 1.6	1.6
12	1.6 or 2.0	2.0
14	2.0	2.0
15	2.0 or 2.5	2.5
16	2.1 or 2.2	2.2
18	2.5	2.5
20	2.8	2.8
22	3.0	3.0
25	3.5	3.5
26	3.5	3.5
28	4.0	4.0
32	4.4	4.4

Colour: 1 layer pipe: natural or black

2 layer pipe: inside natural/ outside black or white

5 layer pipe: color inside/outside natural, black or 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: PE-RT Type 2;
- the buildup of the pipe: PE-RT or PE-RT/EVOH/PE-RT;
- 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.

## PE-RT type 2 pipes

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### **LOGISTICS**

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

### **APPLICATION AND USE**

The piping system is intended to be used for the transport of cold and hot drinking water according to a temperature profile class 2 of ISO 10508 and an allowable working pressure of maximum 10 bar.

### **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:

- hpg plastics gmbh
- and, if necessary,
- Kiwa Nederland B.V.

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