

KOMO® product certificate
K-0226047-2



Valid from **2026-01-23**

Replaces **K-0226047-1**

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WKT RC Perfekt

WKT Westfälische Kunststofftechnik GmbH

STATEMENT BY KIWA

This product certificate is based on BRL 52203 " Pipes for pressure piping systems for outside sewerage – PE 80 and PE 100" dated 28th October 2019, issued according to the Kiwa-Regulation for Certification.

The quality system and the product characteristics of this product are checked periodically. Based on this, Kiwa declares that there is legitimate confidence that the product supplied by the certificate holder complies with the following upon delivery:

- The technical specifications laid down in this product certificate;
- The product requirements laid down both in this product certificate and in the BRL, provided the products are accompanied by the KOMO® quality mark in the set out in this product certificate.

Wim van Loon
Managing Director Nederland

This product certificate is also included on the KOMO foundation websites: www.komo.nl and www.komo-online.nl. Users of this product certificate are advised to check whether it is still valid. For this purpose consult the website of Kiwa: www.kiwa.com.



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Assessed is:
• Quality system
• Product
Periodic control

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PRODUCT SPECIFICATION

This product certificate applies to the following products intended for plastic piping systems for pressurized sewerage installed outside buildings, in accordance with BRL 52203:

- Pipes made of PE 100.

Colour: black (RAL 9004/ RAL 9011); black with brown (RAL8023)

Table 1 – Pressurized pipes PE 100

Size group	Outside diameter (mm)	PE 100	
		PN 10	PN 16
1	32		X
	40		X
	50		X
	63	X	X
2	75	X	X
	90	X	X
	110	X	X
	125	X	X
	140	X	X
	160	X	X
	180	X	X
	200	X	X
	225	X	X
3	250	X	X
	280	X	X
	315	X	X
	355	X	X
	400	X	X
	450	X	X
	500	X	X
	560	X	X
	630	X	X

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MARKING AND INDICATIONS

meters The following must be indelibly applied to the pipes at least once every two metres:

- The KOMO®-mark/-word mark followed by the certificate number without version indication;
- Name certificate holder (optional);
- Manufacturers name or trade;
- Productioncode or production date;
- Material specification;
- SDR class;
- Nominal dimensions;
- Pressure class;
- BRL 52203.

The KOMO logo shall be applied as follows:



The KOMO word mark shall be applied as follows:

KOMO®

In addition, a QR code may be applied that refers to the details of the relevant KOMO certificate on the KOMO website.

After the KOMO certificate has been issued, the certificate holder may also use this KOMO logo in their public communications regarding their certified activities, as indicated in the "Regulations for the Use of KOMO Marks," as published on the KOMO website.

PRODUCT CHARACTERISTICS

The product complies with the product requirements laid down in BRL 52203, see table below.

Product characteristics	Requirements and Method
Compound density	NEN-EN 12201-1 §5.2.3.1
OIT	NEN-EN 12201-1 §5.2.3.1
MFR	NEN-EN 12201-1 §5.2.3.1
Volatile components	NEN-EN 12201-1 §5.2.3.1
Water content	NEN-EN 12201-1 §5.2.3.1
Soot gehalte	NEN-EN 12201-1 §5.2.3.1
Soot dispersion	NEN-EN 12201-1 §5.2.3.1
Pigment dispersion	NEN-EN 12201-1 §5.2.3.1
Resistance to weathering	NEN-EN 12201-1 §5.2.3.2
Resistance to SCG	NEN-EN 12201-1 §5.2.3.2
Tensile test on butt welds	NEN-EN 12201-1 §5.2.3.2
Fusion compability	NEN-EN 12201-1 §5.3
Classification and indication	NEN-EN 12201-1 §5.4
Rework and recycles	BRL 52203 §3.2.2
Appearance	NEN-EN 12201-2 §6.1
Colour	BRL 52203 §5.2.1
Dimensions	NEN-EN 12201-2 §7
Resistance to internal pressure	NEN-EN 12201-2 §8.2
Elongation at break	NEN-EN 12201-2 §8.2
Resistance to SCG	NEN-EN 12201-2 §8.2
OIT	NEN-EN 12201-2 §9.2
MFR	NEN-EN 12201-2 §9.2
Effect of heating $e \leq 16$ mm	NEN-EN 12201-2 §9.2
Shrinkage in radial direction DN > 250 mm	NEN-EN 12201-2 §9.3



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APPLICATION AND USE

The products are intended for application in plastic piping systems for pressure sewerage.

Take into account the following application conditions:

- the processing guidelines of the certificate holder.

INSTALLATION INSTRUCTIONS

The certificate holder shall provide installation instructions.

These instructions shall be in the Dutch language and shall cover at least the specific aspects regarding installation, storage and transport of the products.

RECOMMENDATIONS FOR THE USER

Check on delivery of the products listed under the “technical specification” whether:

- The product(s) and material(s) ordered are delivered in accordance with the agreement you made.
- The brand and the method of marking is correct
- No defects or damage is visible (for example, resulting from the transportation).

Indien u op grond van het hiervoor gestelde tot afkeuring overgaat,

If on the basis of the foregoing you decide to proceed to rejection, please contact

- WKT Westfälische Kunststofftechnik GmbH

And if necessary,

- Kiwa Nederland B.V.

Carry out the storage, transport and processing in accordance with the installation instructions of the certificate holder.

Observe the application conditions and installation instructions as contained in this product certificate and/or documents of the certificate holder.

Check whether this product certificate is still valid, consult the website www.Kiwa.com.

