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Product Certificate

Polyethylene pipes for carrying gaseous fuels

Based on pre-certification tests as well as periodic inspections by Kiwa Nederland B.V., the products referred to in this certificate and marked with the GASTEC QA mark, supplied by

GrainPlastics BV

may, on delivery, be relied upon to comply with the GASTEC QA Approval Requirements 214, for "Fitness for admixtures up to and including 100% hydrogen gas" dated September 2022.

Ron Scheepers
Kiwa

This certificate is issued by Kiwa Nederland B.V. in conjunction with the KIWA regulations for Certification 2017.

This certificate consists of 2 pages.
Publication of the certificate is allowed.

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CERTIFICATE

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Polyethylene pipes for carrying gaseous fuels

PRODUCT SPECIFICATION

PE 100 pipes,
Class SDR 11 and SDR 17,6
Outside diameter of 20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 140, 160, 180, 200, 225 and 250 mm
Raw material code on the pipe: EM, C2 or C4
Color: Black or black with yellow stripes.

APPLICATION AND USE

The products are intended to be applied as gas distribution and installation materials for natural gas with an admixture of 20% hydrogen gas and pure hydrogen gas. The maximum operating pressure (MOP) and operating temperature are specified in the approval requirement for the product for GASTEC QA certification.

MARKING

- GASTEC QA, GASTEC QA logo, punch or trademark.
 - Number of the system standard (EN 1555)
 - Manufacturer's name and/or trademark
 - For pipes $d_n \leq 32$ mm; Nominal outside diameter x nominal wall thickness ($d_n \times e_n$).
 - For pipes $d_n > 32$ mm; Nominal outside diameter, d_n , SDR.
 - Type of pipe if applicable
 - Material and designation
 - Manufacturers information
 - Intended use
 - The words 'Bestand tegen waterstofgas' and 'Hydrogen ready'.
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RECOMMENDATIONS FOR END USERS

Check at the time of delivery whether:

- the producer 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.

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

Check whether this certificate is still valid by consulting Kiwa Nederland B.V. or the Kiwa website.

If you should reject a product on the basis of the above, please contact the supplier and, if necessary, Kiwa Nederland B.V.
