

# Kitemark™ Certificate

This is to certify that:

Hepworth PME (Qatar) WLL  
Light Industries Area  
PO Box 50207  
Mesaieed  
Qatar

Holds Certificate Number:

KM 587511

In respect of:

**BS ISO 4427-2**  
**Polyethylene (PE) pipes for water supply**

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.

For and on behalf of BSI:

Shahm Barhom, Group Product Certification Director

First Issued: 2012-10-22

Latest Issue: 2022-09-14

Effective Date: 2022-09-14

Expiry Date: 2025-04-23



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# Kitemark™ Certificate

No. KM 587511

## ISO 4427-2:2019 – Plastic piping systems for water supply, and for drainage and sewerage under pressure - Polyethylene (PE)

### Pipes manufactured in PE80 material

MDPE PE80 pipes for water and associated applications manufactured to ISO 4427-2 to include any one of the following options:

- 1) Solid Black or Blue coloured Pipes,
- 2) Black Pipes with coloured identification stripes,
- 3) Black Pipes with coloured identification outer layer (Multi -Layer)

| Size (mm) | SDR 9 | SDR 11  | SDR 13.6 | SDR 17 | SDR 21 |
|-----------|-------|---------|----------|--------|--------|
|           | PN 16 | PN 12.5 | PN10     | PN 8   | PN 6   |
| 20        | *     | *       | -        | -      | -      |
| 25        | *     | *       | *        | -      | -      |
| 32        | *     | *       | *        | *      | -      |
| 40        | *     | *       | *        | *      | *      |
| 50        | *     | *       | *        | *      | *      |
| 63        | *     | *       | *        | *      | *      |
| 75        | *     | *       | *        | *      | *      |
| 90        | *     | *       | *        | *      | *      |
| 110       | *     | *       | *        | *      | *      |
| 125       | *     | *       | *        | *      | *      |
| 140       | *     | *       | *        | *      | *      |
| 160       | *     | *       | *        | *      | *      |
| 180       | *     | *       | *        | *      | *      |
| 200       | *     | *       | *        | *      | *      |
| 225       | *     | *       | *        | *      | *      |
| 250       | *     | *       | *        | *      | *      |
| 280       | *     | *       | *        | *      | *      |
| 315       | *     | *       | *        | *      | *      |
| 355       | *     | *       | *        | *      | *      |
| 400       | *     | *       | *        | *      | *      |
| 450       | *     | *       | *        | *      | *      |
| 500       | *     | *       | *        | *      | *      |
| 560       | *     | *       | *        | *      | *      |
| 630       | *     | *       | *        | *      | *      |
| 710       | *     | *       | *        | *      | *      |
| 800       | *     | *       | *        | *      | *      |

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To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.  
A member of BSI Group of Companies.

# Kitemark™ Certificate

No. KM 587511

## ISO 4427-2:2019 – Plastic piping systems for water supply, and for drainage and sewerage under pressure - Polyethylene (PE)

### Pipes manufactured in PE100 material

HDPE PE100 pipes for water and associated applications manufactured to ISO 4427-2 to include any one of the following options:

- 1) Solid Black or Blue coloured Pipes,
- 2) Black Pipes with coloured identification stripes,
- 3) Black Pipes with coloured identification outer layer (Multi -Layer)

| Size (mm) | SDR 9 | SDR 11 | SDR 13.6 | SDR 17 | SDR 21 | SDR 26 |
|-----------|-------|--------|----------|--------|--------|--------|
|           | PN 20 | PN 16  | PN12.5   | PN 10  | PN 8   | PN 6   |
| 20        | *     | *      | -        | -      | -      | -      |
| 25        | *     | *      | *        | -      | -      | -      |
| 32        | *     | *      | *        | *      | -      | -      |
| 40        | *     | *      | *        | *      | *      | -      |
| 50        | *     | *      | *        | *      | *      | *      |
| 63        | *     | *      | *        | *      | *      | *      |
| 75        | *     | *      | *        | *      | *      | *      |
| 90        | *     | *      | *        | *      | *      | *      |
| 110       | *     | *      | *        | *      | *      | *      |
| 125       | *     | *      | *        | *      | *      | *      |
| 140       | *     | *      | *        | *      | *      | *      |
| 160       | *     | *      | *        | *      | *      | *      |
| 180       | *     | *      | *        | *      | *      | *      |
| 200       | *     | *      | *        | *      | *      | *      |
| 225       | *     | *      | *        | *      | *      | *      |
| 250       | *     | *      | *        | *      | *      | *      |
| 280       | *     | *      | *        | *      | *      | *      |
| 315       | *     | *      | *        | *      | *      | *      |
| 355       | *     | *      | *        | *      | *      | *      |
| 400       | *     | *      | *        | *      | *      | *      |
| 450       | *     | *      | *        | *      | *      | *      |
| 500       | *     | *      | *        | *      | *      | *      |
| 560       | *     | *      | *        | *      | *      | *      |
| 630       | *     | *      | *        | *      | *      | *      |
| 710       | *     | *      | *        | *      | *      | *      |
| 800       | *     | *      | *        | *      | *      | *      |

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No. KM 587511

**ISO 4427-2:2019 – Plastic piping systems for water supply, and for drainage and sewerage under pressure - Polyethylene (PE)**

## Approved materials:

| Description       | Material Grade   | Manufacturer / Supplier   |
|-------------------|------------------|---|
| MDPE PE80 Black   | BorSafe ME3440   | Borouge Pte Ltd - UAE   |
| MDPE PE80 Blue    | BorSafe ME3444   | Borouge Pte Ltd - UAE   |
| HDPE PE100 Black  | BorSafe HE3490LS | Borouge Pte Ltd - UAE   |
| HDPE PE100 Blue   | Tasnee 100 Blue  | National Petrochemical Industrialization Marketing Company (Tasnee - KSA) |
| HDPE PE100 Black  | P6006            | Saudi Basic Industries Corporation (Sabic – KSA)                          |
| HDPE PE 100 Black | PE100 Black      | National Petrochemical Industrialization Marketing Company (Tasnee - KSA) |
| HDPE PE100 Black  | EL-Lene-H1000PC  | SCG Chemicals -Thailand   |
| HDPE PE100 Black  | Taisox 8001BL*   | Formosa Plastic Corporation Taiwan  |
| HDPE PE 100 Black | Polimaxx P901BK  | IRPC Public Company Limited Thailand                                      |
| HDPE PE100 Blue   | EL-Lene-H1000PBL | SCG Chemicals -Thailand   |

\*Certified production range 20 - 630mm

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