

Datasheet

Description

Pl. Flange, DIN2576-B/EN1092-1-01-A
PN 16, P250GH, certificate 3.1

Main data

DN 40/ 48.30 mm

| | |
|----|--------------|
| D | 150.00 mm |
| H2 | 16.00 mm |
| L | 4 x 18.00 mm |



Chemical analysis (heat) in % of mass

(one content=max. value)

Short name: P250GH

Mat. grade: 1.0460

| C | Si | Mn | P | S | Cr | Cu | Mo | Nb | Ni | Ti | V | Others |
|------|------|------|-------|-------|------|------|------|------|------|------|------|--------|
| 0.23 | 0.40 | 0.90 | 0.025 | 0.015 | 0.30 | 0.30 | 0.08 | 0.02 | 0.30 | 0.03 | 0.02 | Al |

Mechanical properties

Short name: P250GH

Mat. grade: 1.0460

| Upper yield strength reH or Rp0.2 min for wallthicknesses T in mm, N/mm2 at room temperature | | Tensile strength Rm for wallthickn. T in mm, N/mm2 at room temperature | | Elongation A at room- temperature, min.% | | Min. impact energy KV in J | |
|---|----------|---|----------|---|---------|-------------------------------|---------|
| T<=16 | 16<T<=60 | T<=16 | 16<T<=60 | Longit. | Transv. | Longit. | Transv. |
| 240 | 240 | 410-540 | 410-540 | 25 | | 44 | |

Sources: EN 10253, DIN 17175, DIN 2528, DIN 1629, Stahlschlüssel, ASTM

