

Datasheet

Description

Tees, ANSI/ASME B16.9
ASTM A234 WPB, certificate 3.1

Main data

16" std / 14" std

| | |
|----|-----------|
| d1 | 406.40 mm |
| S1 | 9.53 mm |
| d2 | 355.60 mm |
| S2 | 9.53 mm |
| a | 305.00 mm |
| b | 305.00 mm |



Chemical analysis (heat) in % of mass

(one content=max. value)

Short name: WPB

Mat. grade: ----

| C | Si | Mn | P | S | Cr | Cu | Mo | Nb | Ni | Ti | V | Others |
|------|------|------|-------|-------|------|------|------|----|------|----|------|--------|
| 0.30 | 0.10 | 1.06 | 0.048 | 0.058 | 0.40 | 0.40 | 0.15 | | 0.40 | | 0.08 | |

Mechanical properties

Short name: WPB

Mat. grade: ----

| 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 | min. 415 | min. 415 | 30 | 17 | | |

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