

Datasheet

Description

Conc. red., DIN2616/EN10253-2-B
16Mo3, certificate 3.1

Main data

48.30 x 6.30 / 42.40 x 6.30 mm

| | |
|----|----------|
| D | 48.30 mm |
| S1 | 6.30 mm |
| d | 42.40 mm |
| S2 | 6.30 mm |
| L | 64.00 mm |



Chemical analysis (heat) in % of mass

(one content=max. value)

Short name: 16Mo3

Mat. grade: 1.5415

| C | Si | Mn | P | S | Cr | Cu | Mo | Nb | Ni | Ti | V | Others |
|------|------|------|-------|-------|------|------|------|----|------|----|---|--------|
| 0.20 | 0.35 | 0.90 | 0.025 | 0.020 | 0.30 | 0.30 | 0.35 | | 0.30 | | | Al |

Mechanical properties

Short name: 16Mo3

Mat. grade: 1.5415

| 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. |
| 280 | 270 | 450-600 | 450-600 | 22 | 20 | | |

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

