

Classifications

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|-------------------------|-----------------------------|
| EN ISO 24598-A | AWS A5.23 / SFA-5.23 |
| S S ZCrMoWVNb 9 0,5 1,5 | EG (EB91(mod.)) |

Characteristics and typical fields of application

Thermanit MTS 616 LNi is a solid wire for submerged arc welding; High temperature resistant. Suited for joining and surfacing applications with matching high temperature resistant parent metal P92 according to ASTM A 335.

Recommended SAW flux:
Marathon 543

Base materials

1.4901 – X10CrWMoVNb9-2; NF 616;
ASTM A 355 Gr. P92

Typical analysis

| | C | Si | Mn | Cr | Ni | Mo | W | V | Nb | N |
|-------|------|-----|-----|-----|-----|-----|-----|-----|------|------|
| wt.-% | 0.10 | 0.2 | 0.5 | 9.0 | 0.2 | 0.5 | 1.7 | 0.2 | 0.05 | 0.06 |

Operating data

Dimension mm

3.0

Approvals

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