

CROMATIG 307Si TIG-Stab (GTAW)

CROMATIG 307Si produces a tough, ductile, 19% Cr / 9% Ni / 7% Mn austenitic stainless weld metal which is highly crack resistant. It is intended for joining hardenable steels, armour plate, 13% Mn steels and difficult-to-weld steels, without the need for preheat. It is also recommended for dissimilar joints between stainless and mild or medium carbon steels. Welds produced with CROMATIG 307Si can be PWHT without risk of sigma-phase formation and consequent loss of ductility. The deposit work hardens from 200 HV to 450 HV.

Klassifizierungen:

- EN ISO 14343-A: W 18 8 Mn

Stromart:DC-

Mechanische Eigenschaften:

- Dehngrenze $R_{p0,2}$: 450 MPa
- Zugfestigkeit, R_m : 650 MPa
- Dehnung, A_5 : 42%