



CEWELD 327 Tig

TYPE

TOEPASSINGEN

EIGENSCHAPPEN

CLASSIFICATIE

GESCHIKT VOOR

GOEDKEURINGEN

LASPOSITIES

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

MECHANISCHE WAARDEN

HERDROGEN

GAS ACC. EN ISO 14175

Solid stainless steel welding wire for high temperature applications

Cap layers for joining refractory Cr-Al-Si steels, cladding corrosion resistant overlays, cladding heat resistant overlays up to 1100°C, cladding components in a sulphurous environment.

High chromium-alloyed welding wire (ER 327-ER 329) based on a 25% Chromium and 4% Nickel deposit for cladding and joining components against corrosion, high-heat and wear resistance
Excellent weld metal quality and X-ray soundness, stable arc at high currents and good machinable deposit.

EN ISO

14343-A: W 25 4

W.Nr.

1.4820

F-nr

6

FM

5

1.4710, 1.4745, 1.4712, 1.4762, 1.4713, 1.4773, 1.4722, 1.4776, 1.4724, 1.4820, 1.4729, 1.4821, 1.4740, 1.4822, 1.4742, 1.4823
G-X30CrSi6, G-X40CrSi23 TP433, X10CrSi6 502, X10CrAl24 TP443, X10CrAl7 502, X8Cr30, X10CrSi13, G-X40CrSi29, X10CrAl13 TP405-CA15, G-X12CrSi 26 5, G-X40CrSi13, X20CrNiSi 25 4 TP329, G-X40CrSi17, G-X40CrNi 25 4 TP329, X10CrAl18 430B-TP430, G-X40CrNiSi 27 4 TP329HC
AISI 327, ASTM A297HC

C

Si

Mn

Cr

Ni

0.1

0.6

2

26

5

Heat Treatment

R_{P0,2} (MPa)

R_m (MPa)

A₅ (%)

Impact Energy (J) ISO-V

Hardness

As Welded

450

660

15

-20°C

55

HRc

Not required



CEWELD 327 Tig

327 TIG 1,6 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663415899

327 TIG 3,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663415929