

# CEWELD 4455 Ti

**TYPE** SMAW electrode for welding Cr-Ni-Mo steels.

**TOEPASSINGEN** The electrode is suitable for welding corrosion-resistant Cr-Ni-Mo steels, austenitic steels, non-magnetic, cast steels and cold tough steels.

**EIGENSCHAPPEN** Extreme stable arc on both AC and DC+ with no spatter losses. The slag is self lifting and leaves a fine rippled shiny surface.

**CLASSIFICATIE**

AWS	A 5.4: E 316LMn
EN ISO	3581-A: E 20 16 3 Mn N L
W.Nr.	1.4455
F-nr	4
FM	5

**GESCHIKT VOOR** 1.3941(G)X4CrNi18-3, 1.3945 X2CrNi18-13, 1.3948 X4CrNiMnMoN19-13-8, 1.3952 (G)X2CrNiMoN18-14-3, 1.3953 (G)X2CrNiMo18-15, 1.3955 GX12Cr18-11, 1.3965 X8CrMnNi18-8, 1.4315 X5CrNi19-9, 1.4429 X2CrNiMoN17-13-3, 1.4435 X2CrNiMo18-14-3, 1.4561 X1CrNiMoTi18-13-2, 1.6903 10CrNiTi18-10 Cryogenic 3.5 – 5% Ni-steels UNS S31603, S31653 AISI 316L, 316LN

**GOEDKEURINGEN**

**LASPOSITIES**



**TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)**

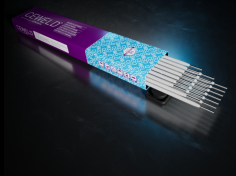
C	Si	Mn	Cr	Ni	Mo
0.02	0.45	4	19	16	2.8

**MECHANISCHE WAARDEN**

Heat Treatment	R <sub>P0.2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded	440	640	35	HRc

**HERDROGEN** 300°C / 2 hr

**GAS ACC. EN ISO 14175**



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4455 TI 2,5 X 350MMMM

Packaging	KG/unit	EanCode
Can	2	8720682052181