



CEWELD 4370 Ti

TYPE Rutile basic stainless steel electrode for dissimilar welding and bufferlayers (Type 4370)

APPLICATIONS CEWELD® 4370 Ti is for joint welding of difficult-to-weld steels, has a high plasticity and is therefore very well suited for buffer layers before surfacing and for welding of dissimilar steels.

PROPERTIES CEWELD® 4370 Ti has excellent weldability, scale and corrosion resistance up to 850°C, as well as extremely high elongation and impact values required for critical welding applications.

CLASSIFICATION

AWS	A 5.4: E 307-16
EN ISO	3581-A: E 18 9 Mn Mo R 12
W.Nr.	1.4370
F-nr	5
FM	5

SUITABLE FOR **19% Cr / 9% Ni / 7% Mn, ISO 15608: 8.1 Cr ≤ 19 %**
 1.3401, 1.5637, 1.5680, 1.4370
 X 20 Cr 13, X 8 Cr 17, X 22 CrNi 17, X 5 CrNi 17, G-X 20 Cr 14 mix S355
 42CrMo4, C45, 42MnV7, X120Mn12, 10 Ni 14, 12 Ni 19 etc.
 ASTM 307, 304, (409, 403, 405, 410, 420, 430, 440, 501, 502)
 Amor, Z 120 M 12 ,

APPROVALS CE

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	P	S	Cr	Ni	Mo
0.09	0.9	4.5	0.02	0.015	20	10	0.5

MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
				RT		
As Welded	370	600	40	70		300 HB

REDRYING 300°C / 2 hr

GAS ACC. EN ISO 14175



CEWELD 4370 Ti

4370 TI 2,5 X 300MM

Packaging	KG/unit	EanCode
Can	2,4	8720663416223

4370 TI 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	2,6	8720663416247

4370 TI 4,0 X 350MM

Packaging	KG/unit	EanCode
Can	2,8	8720663416278

4370 TI 5,0 X 350MM

Packaging	KG/unit	EanCode
Can	2,8	8720663416308