

NICROTIG 625

TIG Rods [GTAW]

Nickel alloys

CLASSIFICATION:	APPROVALS:	APPLICATION:
EN ISO 18274-A : S Ni 6625 DIN 1736 : SG NiCr21 Mo 9 Nb AWS A-5.14 : ER NiCrMo-3	CE, TUV	Power generation industry Constructions & Engineering Petrochemical and chemical industry

Проволока применяется для сварки сплавов никеля и соединения аустенитных и ферритных сталей, а также для разнородных соединений.

Base material

DIN	W.Nr.	DIN	W.Nr.	DIN	W.Nr.
X2NiCrAlTi3220	1.4558	NiCr20Ti	2.4951	X12Ni5	1.5680
NiCr20TiAl	2.4631	NiCr15Fe	2.4816	GX10Ni5	1.5681
NiCr23Mo16Al	2.4605	LC-NiCu15Fe	2.4817	X3CrNiN1810	1.6907
NiCr22Mo6Cu	2.4618	NiCr23Fe	2.4851	X3CrNiMoN184	1.6967
NiCr22Mo7Cu	2.4619	NiCr22Mo9Nb	2.4856	X10NiCrAlTi3220	1.4876
NiCr20Ti	2.4630	NiCr21Mo	2.4858	X8NiCrAl3221	1.4959
NiCr21Mo6Cu	2.4641	X6CrNi2520	1.4951	Alloy 800, 800HT	
NiCr20CuMo	2.4660	X8Ni9	1.5662		

Typical chemical composition %

C	Si	Mn	Cr	Ni	Mo	Nb	Fe
0,03	0,25	0,20	22,0	reszta	9,0	3,6	<1,5

Typical mechanical properties

Yield strength Re [N/mm2]	>420
Tensile strength Rm [N/mm2]	>760
Elongation A5 [%]	>30
Impact energy Kv [J]	>60J (-40°C) /

Welding parameters and packing

Ø	Длина [мм]	Вес пачки [кг]
1,6	1000 /	5,0
2,0	1000 /	5,0
2,4	1000 /	5,0
3,2	1000 /	5,0

METALWELD-FIPROM POLSKA spółka z o.o.

ul. Mikołajczyka 57, 41-200 Sosnowiec

+48 (32) 297 75 50 - 51

+48 (32) 297 75 88

export@metalweld.pl