

NICROTIG 617

TIG Rods [GTAW]

Nickel alloys

CLASSIFICATION:	APPROVALS:	APPLICATION:
EN ISO 18274-A : S Ni 6617, NiCr22Co12Mo9 DIN 1736 : SG NiCr22Co12Mo AWS A-5.14 : ER NiCrCoMo-1		Power generation industry Petrochemical and chemical industry

- TIG welding rod based on nickel with high heat resistance and durability.
- For welding and plating nickel, chromium, cobalt and molybdenum alloys in chemical and petrochemical plants.

Typical chemical composition %

C	Si	Mn	Cr	Ni	Mo	Fe	Co	Al	Ti
0,06	0,08	0,35	22,40	base	8,80	0,51	11,30	1,35	0,36

Typical mechanical properties

Yield strength Re [N/mm2]	>480
Tensile strength Rm [N/mm2]	>760
Elongation A5 [%]	>32
Impact energy Kv [J]	120J (20°C) /
Shielding gases acc. to EN ISO 14175	Il - Ar /

Welding parameters and packing

Ø	Length [mm]	Weight of packet [kg]
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