

NICROTIG 2535

TIG Rods [GTAW]

Nickel alloys

CLASSIFICATION:	APPROVALS:	APPLICATION:
EN ISO 14343-A : W Z 25 35 Zr W.Nr. : ~1.4853		Petrochemical and chemical industry

- Austenitic stainless steel filler metal characterized by high corrosion resistance and scaling resistance at temperatures up to 1150°C.
- Excellent weldability on both AC and DC+.

Application

High temperature applications; welding of high temperature cast steels with high carbon content. Joining similar heat-resistant steels and castings, welding and cladding Cr-Ni steels of the same grade, high-temperature-resistant and cast steels in low sulphurous environment.

Typical chemical composition %

C	Si	Mn	Cr	Ni	Nb	Ti
0,40	1,0	1,75	25,0	35,0	1,2	0,1

Typical mechanical properties

Yield strength Re [N/mm²]	>400
Tensile strength Rm [N/mm²]	>600
Elongation A5 [%]	>8

Welding parameters and packing

Ø	Length [mm]	Weight of packet [kg]
2,0	1000 /	5,0
2,4	1000 /	5,0

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