Selectarc WELDING

SELECTARC TIG NI276

Old reference : TIG Ni276

Classification

AWS A5. 14 : ERNiCrMo-4 Material N° : 2.4886
ISO18274 : S-Ni6276 (NiMo16Cr15Fe6W4)

Characteristics

Ni 276 is appropriate for lining sheet plates. Excellent resistance in oxide, chloride, acid and saline environments.

Applications

Used to weld base material of similar composition like NiMo16Cr15W, UNS N10276, alloy C276 and others. Components of Flue gas, Desulfurising plants.

Typical Weld Metal Composition (%)

C	Si	Mn	Cr	Mo	Fe	W	Ni
0.010	0.05	0.40	16.00	16.00	6.00	3.50	base

All Weld Metal Mechanical Properties (Typical)

Conditions	UTS R_m (MPa)	YS $R_{p0.2}$ (MPa)	% Elg A_5	Impact (KV) Temp.°C	J
AW	780	480	35	+ 20	100

Welding Current & Instructions

Welding Mode	Shielding Gas
TIG = -	Ar : 6 - 12 l/min Back shielding : Ar : 3 - 6 l/min

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