

QuNi76

DIN EN ISO18274 S Ni 6276; AWS A.14 ERNiCrMo-4; Hasteloy276; M.-No. 2.4886

The basic material offers a high durability against a multiplicity of corrossions in oxidized and reduced media. In addition it shows a good durability against acid.

Application

2.4819 NiMo16Cr15W; Ni-Mo-Cr-W alloy; connection with non-, low- and high-alloyed steel/cast iron

Material analysis in %

C	Si	Mn	P	S	Cr	Mo	Ni	V	Fe	W
0,010	0,07	0,90	0,020	0,015	15,50	16,0	Rest	0,30	6,0	3,5

(test certificates upon request.)

Standard/Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	MPa	470
Tensile strength Rm	MPa	780
Elongation A (Lo = 5do)	%	35
Hardness untreated	HB	

Following standard:

Laser welding wires

rods: 333 mm / 1.000 mm

spool: K80 / K125 / K250 / SH253 / MA125

The reported values were determined by the manufacturer and / or by a neutral Laboratory.
We cannot guarantee for the accuracy.