Data sheet

QuNi26

EN ISO 18274 : S Ni 6082 – NiCr20Mn3Nb, AWS 5.14 ERCrNi-3, M.- No.: 2.4806

for viscous connections and coatings on heat resistant Cr- and CrNi-steels and Ni-nickel-base alloy. Non-rusting, heat resistant, highly heat resisting, tough at sub-zero temperatures up to -269°C, adequate for austenite-ferrite-connections. Austenitic. Microstructure is nonconvertible.

Recommendation for:

2.4816, 2.4817, 2.4851, 1.4876, 1.4958; 1.6907
Incoloy 800; Incoloy 800H; Incoloy 800HT; UNS N06600; UNS N06601; UNS N06075; UNS N10665; UNS N08800

Rework

Material-typical treatment

Material analysis in %

C	Si	Mn	Cr	Nb	Fe	Ni
<0,02	<0,2	3,0	20,0	2,7	0,8	Rest

(test certificates upon request.)

Standard/Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
0,2 % Yield strength Rp	N/mm²	420
Tensile strength Rm	N/mm²	660
Elongation A (Lo = 5do)	%	40
Hardness untreated	HRC	

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.