

OK Tigrod NiCrMo-4

OK Tigrod NiCrMo-4 is a corrosion and heat resistant nickel-chromium rod for TIG welding of high alloyed heat resistant steels as well as corrosion resistant 9Ni steels and similar steels with high impact toughness requirements at low temperatures. The grade has good resistance to stress corrosion cracking.

Specifications

Classifications	SFA/AWS A5.14 : ERNiCrMo-4 EN ISO 18274 : S Ni 6276 (NiCr15Mo16Fe6W4)
Approvals	ABS : 2.4mm DNV : 1.6 - 2.4mm

Approvals are based on factory location. Please contact ESAB for more information.

Alloy Type	Alloyed nickel (Ni + 16 % Cr + 16% Mo + 3.7% W + 5.9 % Fe + Low C)
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Typical Tensile Properties

Condition	Yield Strength	Tensile Strength	Elongation
As Welded	530 MPa (77 ksi)	760 MPa (110 ksi)	44 %

Typical Charpy V-Notch Properties

Condition	Testing Temperature	Impact Value
As Welded	-110 °C (-166 °F)	170 J (126 ft-lb)
As Welded	-196 °C (-321 °F)	175 J (130 ft-lb)

Typical Wire Composition %

C	Mn	Si	Ni	Cr	Mo	W	Fe
0.01	0.45	0.05	Bal.	15.5	16.1	3.5	5.8