

OK Tigrod 13.17

OK Tigrod 13.17 is a 2.5Cr-1.1Mo-alloyed (ER90S-B3), copper-coated rod for the GTAW of creep-resistant steels like SA-387 Grade 22, A335 Grade P22 or similar materials. The rod has a high purity chemistry with a guaranteed Bruscato factor $X < 15$.

Specifications

Classifications	EN ISO 21952-A : Z CrMo2Si EN ISO 21952-B : W 62 2C1M SFA/AWS A5.28 : ER90S-B3
Approvals	CE : EN 13479 UKCA : EN 13479

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

Alloy Type	Low alloyed steel (2.5%Cr, 1%Mo)
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Typical Tensile Properties

Condition	Conditional Statement	Yield Strength	Tensile Strength	Elongation
Stress Relieved 1 hour(s) 690 °C	Stress relieved	620 MPa	730 MPa	22 %

Typical Charpy V-Notch Properties

Condition	Testing Temperature	Impact Value
Stress Relieved	-40 °C	>47 J

Typical Wire Composition %

C	Mn	Si	Ni	Cr	Mo
0.08	0.5	0.5	0.05	2.4	1.0

Typical Weld Metal Analysis %

C	Mn	Si	S	P	Cr	Mo	Cu
0.08	0.5	0.5	0.005	0.008	2.4	1.0	0.15