

OK Tigrod 13.17

OK Tigrod 13.17 is a 2.5Cr-1.1Mo-alloyed (ER90S-B3), copper-coated rod for the GMAW 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 $X < 15$.

Classifications Wire Electrode:	SFA/AWS A5.28:ER90S-B3, EN ISO 21952-A:Z CrMo2Si, EN ISO 21952-B:W 62 2C1M
Approvals:	CE EN 13479, NAKS/HAKC 2.0-2.4MM

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	Yield Strength	Tensile Strength	Elongation
Stress relieved 1 hr 690 °C	620 MPa	730 MPa	22 %

Typical Charpy V-Notch Properties		
Condition	Testing Temperature	Impact Value
Stress relieved 1 hr 690 °C	-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