

OK Tigrod 13.16

OK Tigrod 13.16 is a 1.3Cr-0.5Mo-alloyed (ER80S-B2), copper-coated rod for the GTAW of creep-resistant steels like SA-387 Grade 11, A 335 Grade P11 or similar materials. The rod has a high purity chemistry with a guaranteed Brucato factor $X < 15$.

Classifications Wire Electrode:	EN ISO 21952-A:Z CrMo1Si, SFA/AWS A5.28:ER80S-B2, EN ISO 21952-B:W 55 1CM
Approvals:	CE EN 13479, NAKS/HAKC 2.0MM-2.4MM

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

Alloy Type:	Low alloyed steel (1,3%Cr, 0.5 % Mo)
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Typical Tensile Properties

Condition	Yield Strength	Tensile Strength	Elongation
Ar (I1) AWS			
Stress relieved 1 hr 620 °C	640 MPa	730 MPa	24 %

Typical Charpy V-Notch Properties

Condition	Testing Temperature	Impact Value
Ar (I1) AWS		
Stress relieved 1 hr 620 °C	-40 °C	>47 J

Typical Wire Composition %

C	Mn	Si	Ni	Cr	Mo
0.08	0.5	0.5	0.08	1.3	0.5