

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, A335 Grade P11 or similar materials. The rod has a high purity chemistry with a guaranteed Bruscato factor $X < 15$.

Specifications

Classifications	EN ISO 21952-A : Z CrMo1Si EN ISO 21952-B : W 55 1CM SFA/AWS A5.28 : ER80S-B2
Approvals	CE : EN 13479

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	Conditional Statement	Yield Strength	Tensile Strength	Elongation
Ar (I1) AWS				
Stress Relieved 1 hour(s) 620 °C	Stress relieved	640 MPa	730 MPa	24 %

Typical Charpy V-Notch Properties

Condition	Testing Temperature	Impact Value
Ar (I1) AWS		
Stress Relieved	-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