OK Tigrod 13.16

A copper coated, low-alloyed, chromium-molybdenum (1,3% Cr, 0,5% Mo), rod for GTAW of creep resistant steels like SA-387 Grade 11, A 335 Grade P11 or similar materials. OK Tigrod 13.16 is a high purity wire with a guaranteed Bruscato factor X<10.

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 UKCA : 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)
Shielding Gas	I1 (EN ISO 14175)

Tensile_Properties			
Testing Condition	**Yield Strength**	**Tensile Strength**	**Elongation**
I1 AWS			
PWHT 1 hour(s) 620 °C	640 MPa	730 MPa	24 %

Typical Weld Metal Analysis %							
C	**Mn**	**Si**	**S**	**P**	**Cr**	**Mo**	**Cu**
I1							
0.08	0.5	0.5	0.01	0.010	1.3	0.5	0.15

Typical Wire Composition %								
C	**Mn**	**Si**	**S**	**P**	**Ni**	**Cr**	**Mo**	**Cu**
0.09	0.53	0.56	0.002	0.004	0.022	1.40	0.53	0.06