

OK Tigrod 13.16 GTAW

ER80S-B2

Description

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 $X < 15$.

Welding current

DC-

Classifications

SFA/AWS A5.28 ER80S-B2

Wire composition

C	Si	Mn	Cr	Mo
0.09	0.6	0.6	1.4	0.5

Typical mech. properties all weld metal

Yield stress, MPa	640
Tensile strength, MPa	730
Elongation, %	24

Charpy V

Test temps, °C	Impact values, J
-40	>47

Packing data

Diameter, mm	Length, mm	Weight of rods/ box, kg
1.0	1000	5.0
1.6	1000	5.0
2.0	1000	5.0
2.4	1000	5.0
3.2	1000	5.0
4.0	1000	5.0