

OK Tigrod 19.40 GTAW

ERCuAl-A1

Description

An aluminium-bronze (CuAl8) rod for the GTAW of rolled and cast aluminium-bronze alloys. The alloy is noted for its high strength, good wear resistance and very good corrosion resistance, particularly in salt water. OK Tigrod 19.40 is normally welded with pure Ar as the shielding gas.

Welding current

DC(-)

Classifications

SFA/AWS A5.7	ERCuAl-A1
EN 14640	S Cu 1600 (CuAl8)

Wire composition

Si	Mn	Al	Fe	Cu
<0.1	<0.5	8.3	<0.5	bal.

Typical mech. properties all weld metal

Yield stress, MPa	175
Tensile strength, MPa	420
Elongation, %	40

Charpy V

Test temps, °C	Impact values, J
+20	70

Packing data

Diameter, mm	Length, mm	Weight of rods/box, kg
1.6	1000	5
2.4	1000	5