

OK Tigrod 4047

GTAW
R4047

Description

OK Tigrod 4047 was originally developed as a brazing alloy to take advantage of its low melting point and narrow freezing range. In addition, it has a higher silicon content than OK Tigrod 4043, which provides increased fluidity and reduced shrinkage. Hot cracking is significantly reduced when using OK Autrod 4047 as a filler alloy. The alloy may be used in applications at sustained elevated temperatures. Non-heat treatable.

Welding current

AC

Classifications

SFA/AWS A5.10	R4047
EN ISO 18273	S Al 4047 (AlSi12(A))
EN ISO 18273	S Al 4047 (AlSi12)

Wire composition

Si	Mn	Cu	Ti	Zn	Fe
12.0	<0.15	<0.05	<0.15	<0.20	<0.6

Typical mech. properties all weld metal

Yield stress, MPa	80
Tensile strength, MPa	170
Elongation, %	12

Approvals

CWB	AWS A5.10 (Item number ending with A)
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Packing data

Diameter, mm	Length, mm	Weight of rods/box, kg
1.6	1000	2.5/5
2.0	1000	2.5
2.4	1000	2.5/5
3.2	1000	2.5/5