

OK Tigrod 4047

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 higher silicon content than OK Tigrod 4043, which provides an 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 of sustained elevated temperatures. Non-Heat treatable.

Specifications	
Classifications	SFA/AWS A5.10 : R4047 EN ISO 18273 : S Al 4047 (AlSi12)
Approvals	CWB : AWS A5.10

Alloy Type	Alloyed aluminium (Al + 12 % Si)
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Typical Tensile Properties			
Condition	Yield Strength	Tensile Strength	Elongation
As Welded	55 MPa (8 ksi)	124 MPa (18 ksi)	12 %

Typical Wire Composition %					
Mn	Si	Al	Cu	Zn	Fe
0.01	11.5	Rem	0.01	0.01	0.18