

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	CE : EN 13479 CWB : R4047 UKCA : EN 13479

Approvals are based on factory location. Please contact ESAB for more information.

Alloy Type	Alloyed aluminium (Al + 12 % Si)
Shielding Gas	I1, I3 (EN ISO 14175)

Typical Tensile Properties		
Condition	Yield Strength	Tensile Strength
As Welded	125 MPa (18 ksi)	230 MPa (33 ksi)

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