

OK Tigrod 4043

OK Tigrod 4043 is one of the most widely used welding alloys. The alloy is used for welding AlMgSi - types and AlSi - alloys with up to 7 % Silicon. Not recommended for anodizing. Non-Heat treatable.

Specifications	
Classifications	SFA/AWS A5.10 : R4043 EN ISO 18273 : S Al 4043 (AlSi5) JIS Z 3232 : A4043-BY-3.2
Approvals	CE : EN 13479 DB : 61.039.12 JIS : A4043-BY-3.2 UKCA : EN 13479 CWB : R4043

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

Alloy Type	AlSi
Shielding Gas	I1, I3 (EN ISO 14175)

Typical Tensile Properties		
Condition	Yield Strength	Tensile Strength
As Welded	85 MPa (12 ksi)	185 MPa (27 ksi)

Typical Wire Composition %						
Mn	Si	Al	Cu	Ti	Zn	Fe
0.01	5.00	Rem	0.02	0.01	0.01	0.14