

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)
Approvals	CE : EN 13479 DB : 61.039.06 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	Elongation
As Welded	55 MPa (8 ksi)	124 MPa (18 ksi)	18 %

Typical Wire Composition %

Mn	Si	Al	Cu	Ti	Zn	Fe
0.01	5.00	Rem	0.02	0.01	0.01	0.14