

Description

OK Tigrod 4043 is one of the most widely used welding alloys. It is used for welding AlMgSi types and AlSi alloys with up to 7% silicon. Not recommended for anodising. Non-heat treatable.

Welding current

AC

Classifications

SFA/AWS A5.10	R4043
EN ISO 18273	S Al 4043 (AlSi5)
EN ISO 18273	S Al 4043A (AlSi5(A))

Wire composition

Si	Mn	Cr	Cu	Ti	Zn	Fe
5.0	<0.05	<0.05	<0.05	<0.15	<0.10	<0.6

Typical mech. properties all weld metal

Yield stress, MPa	55
Tensile strength, MPa	165
Elongation, %	18

Approvals

CWB	AWS A5.10 (Item number ending with A)
DB	61.039.06
Ü	61.039

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
4.0	1000	2.5/5