

## OK Tigrod 4008

Alloy 4008 has controlled lower levels of impurities than those present in alloys 4010 and 356.0. It is a product that meets the chemistry requirements of AMS 4181. Alloys 356.0, A356.0 and A357.0 are typically used to manufacture sand and permanent mold castings. Alloy 4008 is excellent choice to join or repair these castings, and if needed, it can be heat treated to increased mechanical properties.

<b>Classifications Wire Electrode:</b>	EN ISO 18273:S Al Z (AlSi7MgTi)
<b>Approvals:</b>	CE EN 13479, DB 61.039.10, VdTÜV 12188

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

<b>Alloy Type:</b>	AlSiMg
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### Typical Tensile Properties

Condition	Yield Strength	Tensile Strength	Elongation
As welded	55 MPa	165 MPa	18 %

### Typical Wire Composition %

Mn	Si	Al	Cu	Fe	Mg	Ti	Zn
0.01	7.0	Rem	0.02	0.06	0.4	0.1	0.01

## 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.

<b>Classifications Wire Electrode:</b>	EN ISO 18273:S Al 4043 (AlSi5), JIS Z 3232:A4043, SFA/AWS A5.10:R4043
<b>Approvals:</b>	CE EN 13479, DB 61.039.06, JIS JIS Z 3232, CWB AWS A5.10/A5.10M:2012 (ER4043)

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

<b>Alloy Type:</b>	AlSi
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### Typical Tensile Properties

Condition	Yield Strength	Tensile Strength	Elongation
As welded	55 MPa	124 MPa	18 %

### Typical Wire Composition %

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