

OK Tigrod 1070

OK Tigrod 1070 is highly resistant to chemical attack and weathering. It is a relatively soft alloy that is very formable and is used extensively in thin gauge and foil products. It has good welding characteristics. A desirable characteristic of the alloy is the bright finishes obtained by anodising. Non-Heat treatable.

Specifications

Classifications	EN ISO 18273 : S Al 1070 (Al99,7)
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Alloy Type	Al
Shielding Gas	I1, I3 (EN ISO 14175)

Typical Tensile Properties

Condition	Yield Strength	Tensile Strength	Elongation
As Welded	35 MPa (5 ksi)	75 MPa (11 ksi)	33 %

Typical Wire Composition %

Mn	Si	V	Al	Cu	Fe
0.01	0.02	0.01	99.80	0.01	0.13