

OK Autrod 1070

OK Autrod 1070 is highly resistant to chemical attack and weathering. It is a relatively soft alloy that is very formable and it is used extensively in thin-gauge and foil products. It has good welding characteristics. One characteristic feature of the alloy is the bright finish obtained by anodising. Non-heat treatable.

Classifications Wire Electrode:	EN ISO 18273:S Al 1070 (Al99,7)
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Alloy Type:	Al
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Typical Tensile Properties

Condition	Yield Strength	Tensile Strength	Elongation
As welded	35 MPa	75 MPa	45 %

Typical Wire Composition %

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

Deposition Data

Diameter	Current	Voltage
1.0 mm	90-210 A	15-26 V
1.2 mm	140-260 A	20-29 V
1.6 mm	190-350 A	25-30 V
2.0 mm	190-350 A	25-30 V
2.4 mm	280-400 A	26-31 V