

OK AISi12



Covered electrode suitable for welding of aluminium castings of AlSi-, AlSiMg- and AlSiCu-types. Also possible to use as filler material in gas welding.

Classifications	EN ISO 18273 : AISi12
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Welding Current	DC+
Alloy Type	Aluminium-silicon alloy, AlSi12
Coating Type	Chloride and Fluoride Salt

Typical Weld Metal Analysis %

Si	Al	Fe
12.4	87.4	0.2

Deposition Data

Diameter	Current	Voltage	Number of electrodes/ kg weld metal	Fusion time per electrode at 90% I max	Deposition Efficiency %	Deposition Rate @ 90% I max
2.4 x 350.0 mm	50-90 A	23 V	294	23 sec	42 %	0.54 kg/h
3.2 x 350.0 mm	70-120 A	23 V	176	30 sec	45 %	0.69 kg/h