

ML4047

For aluminium

Classifications

EN ISO 18273	: S Al 4047 (AlSi2 (A))
AWS A5.10	: ER 4047
Material No.	: 3.2585

Approvals

Other	: DB
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Description

- Aluminium wires and rods for welding and brazing
- Good mechanical characteristics: its excellent corrosion resistance and low melting point ensure a very low number of deformations in the parent metal
- This material is generally used for brazing aluminium sheets, for extrusions and castings (after anodizing the welding will be a different colour)
- The chemical analysis meets the specification of 4047 and 4047A

Application fields

Automotive, constructions, heat exchangers, G-AlSi10Mg, G-AlSi11, G-AlSi12(Cu), G-AlSi7Mg, G-AlSi6Cu4, AlMgSi0,8, AlMgSi1

Polarity

- DCEP (DC-)

Typical chemical composition of all-weld metal (%)

Si	Fe	Cu	Mn	Mg	Zn	Ti	Al	Other total	Other each
11-13	<0.80	<0.30	<0.15	<0.05	<0.20	<0.20	Remainder	<0.15	<0.05

Typical mechanical properties of all-weld metal

Tensile Strength (MPa)	Elongation (%)
Min. 130	Min. 5

Package

Diameter (mm)	1.6, 2, 2.4, 3.2, 4
Rod (kg)	5, 10
More diameters and packing upon request	