



MIG ALC6

Old reference: MIG AlCu6

Classification

ISO 18273 : S Al 2319 (Al Cu6MnZrTi) AMS : 4191
 AWS A5.10 : ER2319

Description & Applications

Solid wire for GMAW used for welding of alloy Aluminium/Copper-AlCu 6.

Main applications: Space industries.

Typical Chemical Composition (%)

Si	Fe	Cu	Mn	Zr	V	Ti	Al
0.2	0.1	6.5	0.3	0.12	0.08	0.16	Rem.

All Weld Metal Mechanical Properties

$R_{p0.2}$ (MPa)	R_m (MPa)	A_5 (%)
--------------------	---------------	-------------

Welding Current & Instructions

Welding mode	Wire Ø (mm)	Welding parameters		Shielding Gas
		Pulsed arc (A)	(V)	
MIG = +				Ar/He: 18-20 l/min

Ind.10



Liability: This document is intended to assist the user in choosing the product. It is up to the user to verify that the chosen product is suitable for applications for which it is intended. The company FSH Welding Group reserves the right to alter specifications without prior notice of its products. The descriptions, illustrations and specifications are for reference only and cannot be held liable for FSH Welding Group. **Fumes:** Consult information on MSDS, available upon request.