MIG CUAG

Classification

ISO 24373 : S Cu 1897 (CuAg1) Material N° : 2.1211

Description & Applications

Wire electrode for MIG welding of oxygen free Copper and cooper alloys were a high electrical conductivity is required. Good flow, porosity free welds seams and high electrical conductivity due to the alloying with Silver. The melting temperature is relatively low and projections are minor.

Main applications: For equipment and pipes made of cooper and especially for conductor rails.

Typical Chemical Composition (%)

Ag	Mn	P	Cu
1.0	0.06	0.01	Rem.

All Weld Metal Mechanical Properties

$R_{p0.2}$ (MPa)	R_m (MPa)	A_5 (%)	Electrical conductivity (Sxm/mm²)
60	190	35	40-46

Welding Current & Instructions

Welding mode	Wire Ø (mm)	Welding parameters		Shielding Gas
		Pulsed arc (A)	(V)	
MIG = +				Ar Ar + He

Ind.10

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