

## MT-CuAg

## 2.1211

Copper MIG/TIG wire for welding pure copper

### Standard designation

EN ISO 24373	S Cu 1897
Material no.	2.1211

### Main fields of application

Weldable copper grades, e.g. SE - Cu (2.0070), SW - Cu (2.0076), SF - Cu (2.0090), OF - Cu (2.0040)

### Mechanical and physical properties of all-weld-metal

Tensile strength	MPa	210	235
Density	g/cm <sup>3</sup>	8,9	
El. conductivity	Sm/mm <sup>2</sup>	30	45
Solidus – temperature	C°	1070	
Liquidus – temperature	C°	1080	
Hardness	HB	45	50

### Average chemical composition of all-weld-metal (%)

Cu	Ag	P	Mn
Bal.	1,0	0,02	0,1

### Gas types applicable TIG

I 1

### Gas types applicable MIG

I 1

### Diameters, unit weights

Diameter [mm]	Length [mm]	kgs per box [kg]
1,60	1000	10,0
2,00	1000	10,0
3,00	1000	10,0
4,00	1000	10,0

### MIG welding wire

Diameter

1,0mm

1,2mm

### Current/Polarity TIG

= -

### Current/Polarity MIG

= +

### Welding positions MIG acc.to EN ISO 6947

PA, PB, PF

### Welding positions TIG acc.to EN ISO 6947

PA, PB, PC, PE, PF