

Cu-base solid wire

Classification

EN 14640 :S Cu 5410 (CuSn12P)

General Description

Solid wire for GMAW of copper-tin and copper-zinc alloy

Shielding gas (acc. EN)

GMAW	I1	Inert gas Ar 100%
	I3	Inert gas Ar + > 0-95% He

Chemical composition (w%), typical, all weld metal

Cu	Sn	P
rest	12	0.2

Mechanical properties, all weld metal

	Process	Shielding gas	Condition	0.2% Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (%)	Impact (ISO), J +20°C	Hardness HB
Typical values after welding	GMAW	I1	AW	100	250	30		

Materials to be welded

Copper-tin alloys, e.g. bronze with 10-12% tin
Copper-zinc alloys, e.g. brass

Packaging, available sizes and identification

Process	Unit:	0.8	Sizes, mm
GMAW	12 kg spool B300	X	

Other sizes and packaging on request

Identification

Imprint: Revicu[®]CuSn-12

Tip colour:

Revicu[®]CuSn-12 : rev.EN 20