

# COPPERFIL 90-10

## MIG-MAG Wires Nickel and Copper alloys

Copperfil 90-10 is a solid wire suitable for welding alloys with similar chemical analyses. Good bead appearance and excellent weld deposit properties. Excellent corrosion resistance in saline solutions.

### Classification

EN 14640: S Cu 7061 (CuNi10)

### Approvals

### Grades

### Analysis of all-weld metal (Typical values in %)

C	Mn	Si	P	S	Cr	Ni	Mo	Nb	Fe	Cu	Sn
0.05	1	0.20	≤ 0.020	≤ 0.015	-	10	-	-	1	Rem	-

### All-weld metal Mechanical Properties

Heat Treatment	Yield Strength N/mm <sup>2</sup>	Tensile Strength N/mm <sup>2</sup>	Elongation A5 (%)	Impact Energy ISO - V (J)	Hardness
As Welded	-	≥ 380	-	-	-

Gas test: Acc. To EN 439: M13(Cargal1)

**Shielding Gas:** Acc. To EN 439: M13(Cargal1)

### Materials

2.0873

UNS C70600; UNS C71500

### Storage

Keep dry and avoid condensation.

### Current condition and welding position

DC +



**Packaging data:** K300 Kg. 16

Diameters	1,2					
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