

High performance

# IMPHY NiCu28

IMPHY NiCu28 is a Nickel Copper alloy which shows:

- > Very good strength corrosion resistance to sea water, salts and reducing acids.
- > Good mechanical properties due to titanium addition.

## Chemical composition

	C	Mn	Si	S	P	Ni	Cu	Fe	Al	Ti
Mini						62	Rem			1.5
Maxi	0.15	4	0.5	0.015	0.02	69		2.5	1.25	3

## International standards

Werkstoff 2.4377 - AWS SFA 5.14 - ERNiCu-7  
UNS N04060 - B.S 2901 Part 5 - NA 33

## Typical applications

IMPHY NiCu28 is used for welding of copper-alloys IMPHY NiCu32 or IMPHY NiCu28Al, dissimilar welding between copper-alloys to nickel 200, or surfacing of steels.

Similar to Copper-Nickel alloy IMPHY NiCu32 (marine engineering, chemical processing, sea water) treatment.

## Mechanical properties

Tensile strength (MPa)	Elongation A% on 100 mn
700 max	30 - 40

## Available Forms

IMPHY NiCu28 is delivered in wire.

