

High performance

IMPHY NiCu28

IIMPHY 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

	С	Mn	Si	S	Р	Ni	Cu	Fe	Al	Ti
Mini						62	Rem			1.5
Maxi	0.15	4	0.5	0.015	0.02	69	Kelli	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 NiCu28AI, 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	Elongation
(MPa)	A% on 100 mn
700 max	30 - 40

Available Forms

IMPHY NiCu28 is delivered in wire.

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