

KW-TCuNi

Monel 450, Cupronickel

Classifications

EN ISO 14640:2005	: W Cu 7158 (CuNi30)
AWS A5.7-07	: ERCuNi
KS D 7044:2004	: YCuNi-3
JIS Z 3341:2055	: YCuNi-3

Approvals – I1 (100% Ar)

ABS	: ERCuNi
DNV	: CuNi30Mn1FeTi

Description

- TIG consumable for 70%Cu-30%Ni Cupronickel and copper alloys
- It can be used for surfacing steels and dissimilar welding of copper alloys with steel

Polarity & shielding gas

- DCEN (DC-)
- Ar: 100% Ar (15 – 25 l/min)

Typical chemical composition of all-weld metal (%)

C	Si	Mn	Cu	Ni	Ti
0.01	0.08	0.79	Rem.	30.71	0.30

Typical mechanical properties of all-weld metal

	Tensile Strength (MPa)	Elongation(%)
AWS A5.7	345	-
Example	345	30