

# GETIG 817

## IDENTIFICATION

Getig 817, ERNiCrCoMo-1

## CLASSIFICATION

AWS A5.14: ERNiCrCoMo-1

DIN: 1736: SG-NiCr22Co12Mo

## DESCRIPTION

Solid GTAW rod for joining and repairing of high temperature alloys used at operation temperatures up to 1100°C.

## CHEMICAL ANALYSIS (RANGE) %

C	Si	Mn	Cr	Mo	P	S	Co	Fe	Al	Ti	Ni	Cu
0.05 - 0.15	1 max	1 max	20.0 - 24.0	8.0 - 10.0	0.03 max	0.015	10.0 - 15.0	3 max	0.8 - 1.5	0.6 max	Balance	0.5 max

## TYPICAL APPLICATIONS

Principal applications are: Construction of gas turbines, combustion chambers, ovens, thermal equipment for heat treatment, petrochemical installation. Joining High temperature alloys.

**INCOLOY ALLOY:** 800HT | **INCOLOY ALLOY:** 803 | **CAST ALLOY:** HK40, HP AND HP45 modified.

**SHIELDING GAS:** Agron 6-12 l/min

## BASE MATERIALS

UNS	Alloy
N08810	800H
-	DS
N06601	601
N06617	617

## PACKING PARAMETERS

Size (mm)	Length (mm)	Packing / Pkt (kg)	Packing / Box (kg)
1.6	1000	5	5 x 4 = 20
2	1000	5	5 x 4 = 20
2.40 / 2.50	1000	5	5 x 4 = 20
3.15 / 3.20	1000	5	5 x 4 = 20