

GETIG 3276

NI BASE ALLOY TYPE C-276.

IDENTIFICATION

Getig 3276, ERNiCrMo4

CLASSIFICATION

AWS/SFA 5.14 ERNiCrMo4

DIN 8555 SG-NiMo16Cr16W (2.4886)

DESCRIPTION

Filler rod of corrosion resistant and non-scaling material used for TIG welding.

CHEMICAL ANALYSIS (RANGE) %

C	Si	S	P	Mn	Cu	Cr	Mo	W	Fe	V	Co	Ni
0.02 Max	0.08 max	0.02 max	0.02 max	1 max	0.5 max	14.5 - 16.5	15.0 - 17.0	3.0 - 4.5	4.0 - 7.0	0.3 max	2.5 max	Rem.

TYPICAL APPLICATIONS

- For joining parent metals of the same nature and for surfacing of low-alloy steels.
- Excellent resistant against sulphuric acid that occur with high chloride concentrations.
- NiMo16Cr15W, 2.4819, N10276
- ASTM B-574 and B-575
- For cladding steel with Ni-Cr-Mo weld metal.

SHIELDING GAS : Pure Argon **HARDNESS (BRINELL) :** 250 - 270 **AFTER WORK HARDENING :** 350 - 400

AFTER HARDENING (900°C / 2 HOURS) : 360 - 400

HIGH TEMPERATURE PROPERTIES

Resistance to oxidation in air upto 1150°C, in sulphur dioxide upto 800°C.

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