

GETIG 835

IDENTIFICATION

Getig 835, ERNiCrFe5

CLASSIFICATION

AWS/SFA 5.14: ER NiCrFe-5

DESCRIPTION

TIG wire has nominal composition of 74Ni, 16Cr, 8Fe, 2Nb plus Ta.

CHEMICAL ANALYSIS (RANGE) %

C	Mn	Si	P	S	Cu	Fe	Cr	Ni	Nb + Ta
0.08 max	1.0 max	0.35 max	0.03 max	0.015 max	0.50 max	06-Oct	14 - 17	70.0 min	1.5 - 3.0

TYPICAL APPLICATIONS

- Shielding as used is usually pure Argon gas.
- Deposited weld metal is of radiographic quality. The higher niobium content of the filler wire is intended to minimize cracking where high welding stresses are encountered.
- For welding ASTM B163, B166, B167 and B168 having UNS No. N-6600.
- For dissimilar welding such as Inconel base metal to carbon steel or low alloy steel. For overlay application.

SHIELDING GAS: Pure Pargon (99.9% min)

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