

GETIG 410 Ni Mo-TIG Wire



CLASSIFICATION : AWS A5.9:ER410NiMo

CHARACTERISTICS :

Solid Wire to match with 13 Cr-4Ni-Mo Martensitic Stainless Steel. High resistance to corrosion fatigue cracking. For joining and surfacing applications .

TYPICAL APPLICATIONS :

Hydro turbines, valve bodies, pump castings, piping etc. in power generation, offshore, chemical and petrochemical industries.

MICRO STRUCTURE: Martensite.

Pure Argon : Plus Back Purge

TYPICAL ANALYSIS (RANGE) %

C	Si	Mn	Cr	Mo	Ni
0.03	0.35	0.7	12.5	0.5	4.1

MECHANICAL PROPERTIES OF THE WELD METAL :

Heat treatment	Tensile strength MPa	Yield Strength MPa	Elongation (L=4d) %	Charpy V-Notch Impact Value in J
600°C/8 h	800	680	15	50 at 20 °C

PACKING AND WEIGHTS DATA :

SIZE (mm)	LENGTH (mm)	PACKING/SPOOL (KG) Per Pkt
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1.60	1000	5.0
2.00	1000	5.0
2.4/2.50	1000	5.0
3.15	1000	5.0