

GFC 410 NiMo



FLUX CORED WIRE

CLASSIFICATION :AWS A5.22: ER410 NiMo

CHARACTERISTICS :

Basic fluxcored wire to match deposits weld metal having about 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.

Shielding Gas: 80% Ar + 20% CO₂

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 (Typical) :

Heat treatment	Tensile strength MPa	Yield Strength MPa	Elongation (L=4d) %
600°C/8 h	800	680	15

PACKING ND WEIGHTS DATA :

SIZE (mm)	PACKING/SPOOL (KG) Per Spool
1.2	12.5