

EPRI P87

TIG (GTAW)

SOLID WIRE FOR TIG

PRODUCT DESCRIPTION

Solid wire for TIG welding.

CLASSIFICATIONS

No current national standards but covered by U.S Patent 7,562,807.

ASME IX QUALIFICATION

QW432 F-No --

CHEMICAL COMPOSITION (WIRE WT %)

	C	Mn	Si	S	P	Cr	Ni	Mo	Nb	Fe
Typical	0.1	1.5	0.3	0.008	0.008	9	Bal	2	1	38

ALL-WELD MECHANICAL PROPERTIES

As welded	Typical
Tensile strength [MPa]	560
0.2% proof strength [MPa]	360
Elongation [%] 4d	32
Impact ISO [J]	150

TYPICAL OPERATING PARAMETERS

Shielding gas	Current	Diameter (mm)	Parameters
	DC-	2.4	100A, 12V

PACKAGING DATA

Diameter (mm)	Weight (kg)	Packaging	Item number
2.0	2.5	PE TUBE	TEPRIP87-20
2.4	2.5	PE TUBE	TEPRIP87-24
3.2	2.5	PE TUBE	TEPRIP87-32

NICKEL BASE ALLOYS