

Product Data Sheet



BRAND NAME VJ ERTi-2

AWS/ASME Class ERTi-2

SPECIFICATION SFA A5.16

Features and Applications :

VJ ERTi-2 is a solid wire for TIG welding. ERTi-2 is designed to weld alloys of similar composition, and on alloys where ductility is more important than joint strength. Ideal for applications architecture, power general, medical, hydro-carbon processing, marine, aircraft, desalination, chemical processing.

CHEMICAL COMPOSITION :

All Weld Metal (%)			
TYPICAL	Max	TYPICAL	Max
C	0.03	Fe	0.03
O	0.08-0.16	Y	0.004
N	0.015	Ti	99.70
H	0.008		

MECHANICAL PROPERTIES OF WELD METAL

All Weld Metal - As weld	
Properties	Typical
YS(Mpa)	275
UTS (MPa)	345
El (%)	20

DIMENSIONS:

GTAW	
Dia (mm)	Length (mm)
1.6	1000
2.0	1000
2.4	1000
3.2	1000

GTAW CURRENT : DCEN

SHIELDING GAS: ARGON

PACKING :

GTAW : 5 kg wire put in an air-tight polythene bag and finally packed in a plastic container. Identification AWS code is punched on side of wire.

WELDING POSITION:

