

Product Data Sheet



BRAND NAME VJ ER310

AWS/ASME Class ER310

SPECIFICATION SFA A5.9

Features and Applications :

VJ 310 is a solid wire for MIG & TIG welding, featuring a bright finish and radiographic-quality welds.

The fully austenitic weld deposit requires low heat input during welding. It is ideally suited for welding similar and dissimilar compositions and corrosion resistance.

CHEMICAL COMPOSITION :

All Weld Metal (%)			
TYPICAL	Max	TYPICAL	Max
C	0.10	Mn	1.70
Cr	26.00	Si	0.50
Ni	21.0	S	0.010
Mo	0.75	P	0.012
Cu	0.75		

MECHANICAL PROPERTIES OF WELD METAL

All Weld Metal - As Welded	
Properties	Typical
UTS (MPa)	600
EI (%)	35

DIMENSIONS:

Dimension (mm)	
GMAW	GTAW
0.80	1.6
1.20	2.0
1.60	2.4
	3.2

GMAW CURRENT : DC (+)	SHIELDING GAS: ARGON
GTAW CURRENT : DCEN	SHIELDING GAS: ARGON

PACKING :

GTAW : 5 kg wire put in a plastic container. Identification AWS code is punched on side of wire.

GMAW :The wire can be supplied in plastic spool packed in a cardboard box weighing 15.0 kg.

WELDING POSITION:

