

Product Data Sheet



BRAND NAME VJ ER316LSi

AWS/ASME Class ER316LSi

SPECIFICATION SFA A5.9

Features and Applications :

VJ ER316LSi is the same qualities as 316L, with higher silicon content for improved arc stability. The low carbon content ensures excellent resistance to intergranular corrosion. Ideal for welding stainless steels of similar grade, providing strong, corrosion-resistant welds.

CHEMICAL COMPOSITION :

All Weld Metal (%)			
TYPICAL	Max	TYPICAL	Max
C	0.02	Mn	1.70
Cr	18.50	Si	0.90
Ni	12.0	S	0.010
Mo	2.50	P	0.010
Cu	0.75		

MECHANICAL PROPERTIES OF WELD METAL

All Weld Metal - As Welded	
Properties	Typical
UTS (MPa)	570
El (%)	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:

