

Product Data Sheet



BRAND NAME VJ ERNiCrMo-7

AWS/ASME Class ERNiCrMo-7

SPECIFICATION SFA A5.14

Features and Applications :

VJ ERNiCrMo-7 offers superior corrosion and oxidation resistance, ideal for welding nickel-chromium-molybdenum alloys (ASTM B574, B575, B619, B622, B628, UNS N06455) to steel, other nickel alloys, and for cladding. Widely used in chemical, petrochemical, oil & gas, and marine industries.

CHEMICAL COMPOSITION :

All Weld Metal (%)			
TYPICAL	Max	TYPICAL	Max
C	0.01	Cr	1.6.5
Mn	0.50	Mo	15.75
Fe	2.20	Co	1.00
Si	0.05	Ni	Bal.

MECHANICAL PROPERTIES OF WELD METAL

All Weld Metal - As weld	
Properties	Typical
UTS (MPa)	730
El (%)	30

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:

