

Product Data Sheet



BRAND NAME VJ 430

AWS/ASME Class E430-15

SPECIFICATION SFA A5.4

Features and Applications :

VJ 430 is a heavy rutile-type electrode designed to deposit a 17% Cr weld metal, providing excellent resistance to corrosion and high temperatures. It is ideally suited for surfacing straight chromium steels and similar materials, ensuring durability and reliability in demanding applications.

CHEMICAL COMPOSITION :

All Weld Metal (%)	
TYPICAL	Max
C	0.05
Cr	17.00
Mn	1.00
Si	0.50
S	0.03
P	0.04
Ni	0.60
Mo	0.75
Cu	0.75

MECHANICAL PROPERTIES OF WELD METAL

All Weld Metal - As weld	
Properties	Typical
UTS (MPa)	450 Min
El (%)	20 Min

DIMENSIONS & CURRENT DATA

Dimension (mm)	Current (A)		Packing (Pcs)
	Min	Max	Qty / Pkt
2.50 x 350	50	90	150
3.15 x 350	90	130	100
4.00 x 350	140	180	75
5.00 x 350	180	240	50

CURRENT :DC (+)

WELDING POSITION:



OTHER DATA:

Redrying: The electrodes should be redried at 250°C for 2 hour.