



EWB[®] – ER 430 **MIG / TIG Welding Wires**

Classifications:

EN ISO 14343-B:2007 : SS 430
AWS A5.9: ER430

Material No. 1.4016

Typical Chemistry Composition of Weld Deposit:

C	Cr	Ni	Mo	Mn	Si
<0.10	15.50 – 17.00	<0.60	<0.75	<0.60	<0.50

Description:

- MIG / TIG welding of 16%Cr ferrite stainless steels. (AISI 409, 430Ti, 431, ASTM A176)

Typical Mechanical Properties:

Yield Strength (Mpa)	Tensile Strength (Mpa)	Elongation (%)
min. 250	min. 520	min. 20

Welding Parameters:

Wire Diameter (Ø in mm)	0.80	1.00	1.20
Pulsed Arc (A)	100 - 150	120 - 200	140 - 220
Voltage (V)	22 - 27	24 - 28	24 - 28

Packing Available:-

MIG/MAG Wire (Ø in mm): 0.80 / 1.00 / 1.20

TIG Wire (Ø in mm): 1.60 / 2.40 / 3.20 / 4.00

EWB Weld

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An ISO 9001:2015 Quality Management System Certified Co.