

TIG MIG Stainless Steel Filler Wires

SUPER TIG 430

AWS CLASSIFICATION

ER 430

APPLICATIONS

It is filler welding wire of 16-Cr alloy type steel. The presence of adequate percentage of chromium provides corrosion resistance yet retains sufficient ductility in the heat treated condition. Welding with this grade of filler wires usually requires preheating and post-weld heat treatment to obtain optimum results.

TYPICAL CHEMICAL COMPOSITION (%)

C	Mn	Si	S	P	Cr	Ni	Mo	Cu
0.10 Max.	0.60 Max.	0.50 Max.	0.03 Max.	0.03 Max.	15.5-17.0	0.60 Max.	0.75 Max	0.75 Max

MECHANICAL PROPERTIES (ALL WELD METAL) (min - values)

Others	UTS	Elongation
-	450	20

