

TIG MIG Stainless Steel Filler Wires

SUPER TIG 310

AWS CLASSIFICATION

ER 310

APPLICATIONS

Cr-Ni alloyed austenitic filler wire suitable for welding heat and corrosion resistant steels of similar composition, to mild and low alloyed steel. The deposited metal is extremely resistant to corrosion and oxidation at high temperature. Scaling temperature 1200°C. Good impact values down to Minus 196°C.

TYPICAL CHEMICAL COMPOSITION (%)

C	Mn	Si	S	P	Cr	Ni	Mo	Cu
0.08-0.15 Max.	1.0-2.5	0.30-0.65	0.03	0.03	25.0-28.0 Max.	20.0-22.5	0.75 Max.	0.75 Max.

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

Others	UTS	Elongation
-	550	30

