

TIG MIG Stainless Steel Filler Wires

SUPER TIG 410

AWS CLASSIFICATION

ER 410

APPLICATIONS

It is a filler welding wire of 12 Cr alloy type air hardening steel. Preheat and post weld heat treatment is recommended for many applications. Suitable for welding of AISI 410 and similar composition alloys. Also used for deposition of over-lays on carbon steels to resist corrosion, erosion or abrasion.

TYPICAL CHEMICAL COMPOSITION (%)

C	Mn	Si	S	P	Cr	Ni	Mo	Cu
0.12 Max.	0.60 Max.	0.50 Max.	0.03 Max.	0.03 Max.	11.5-13.5	0.60	0.75 Max.	0.75 Max.

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

Others	UTS	Elongation
-	450	20

