

TIG MIG Stainless Steel Filler Wires

SUPER TIG 316L

AWS CLASSIFICATION

ER 316L

APPLICATIONS

Extra low carbon stainless steel filler wire suitable for welding AISI 316, 316L and equivalent Stainless Steel grades, the low carbon content reduces the possibility of inter granular corrosion. This filler wire is primarily used for welding low carbon molybdenum bearing austenitic alloys.

TYPICAL CHEMICAL COMPOSITION (%)

C	Mn	Si	S	P	Cr	Ni	Mo	Cu
0.03 Max.	1.0-2.5	0.30-0.65	0.03 Max.	0.03	18.0-20.0 Max.	11.0-14.0 Max.	2.0-3.0	0.75

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

Others	UTS	Elongation
-	490	90

