

TIG SUPERROOT 316L



TIG Superroot 316L is designed specifically for situations where it is impractical to apply back-purge for Tig Root Runs, or to gain the economic benefit of eliminating back-purge. The use of a 316L Root Bead is considered compatible with subsequent filling with 308L, 347 or 316L as appropriate.

SPECIFICATIONS

AWS A5.22 R316LT1-5

CHEMICAL ANALYSIS

% Carbon	0.010	% Chromium	19.20
% Manganese	1.600	% Nickel	12.50
% Silicon	0.800	% Molybdenum	2.200
% Sulphur	0.005	% Copper	0.050
% Phosphorous	0.020		

**TYPICAL MECHANICAL PROPERTIES
ALL WELD METAL**

Tensile Strength	605 MPa
0.2% Proof Stress	450 MPa
Elongation on 4d	38%

PACKING DATA

(TIG Wire DC-)

Diameter (mm)	Current (A)		Item Number	Pack Mass (Kg) Tube
	Amps	Volts		
2.20	90	12	078-064	1

Suggested Shielding Gas: Argon

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