

Specifications:

AWS A5.16 ERTi-2
AMS 4951
UNS R0550
MSRR 9500/70

Properties:

Tensile Strength: 50,000 psi
Yield Strength: 40,000 psi
Melting Point: 3020°F

Description:

ERTi-2, Titanium Grade 2 is similar to Titanium Grade 1, but with stronger ductility and formability. ERTi-2 is designed to weld alloys of similar composition, and on alloys where ductility is more important than joint strength. Ideal for applications in the following categories: architecture, power general, medical, hydro-carbon processing, marine, aircraft, desalination, chemical processing.

Available in multiple sizes and diameters

Chemical Composition (Wt%)

Fe	O	C	N	H	Ti
0.12	0.08-0.16	0.03	0.015	0.008	BAL

Note: Single values are maximum unless otherwise noted.

Maintaining a proper welding procedure, including pre-heat and interpass temperatures, may be critical depending on the type and thickness of material being welded.

CAUTION: Consumers should be thoroughly familiar with the safety precautions on the warning label posted in each shipment and in the American National Standards A49.1, "Safety in Welding and Cutting," published by the American Welding Society, 8669 NW 36 Street, #130, Miami, FL 33126: OSHA Safety and Health Standards 29 CFR 1910 is available from the U.S. Department of Labor, Washington, D.C. 20210.