



AL 1188 Data Sheet

AWS A5.10
ER 1188
R1188

AL 1188 is an aluminum welding filler wire. It is a non-heat treatable alloy.

Melting Range: 1215 - 1220°F
Density: .0975 lbs/cu.in
Anodize color: Clear

Available in multiple diameters and sizes in straight length wire and in spools.

CHEMICAL COMPOSITION (Wt %):

Si	Fe	Mn	Cu	Mg	Zn	Al	Ti	Be	V	Ga	Other each
0.06	0.06	0.01	0.005	0.01	0.03	99.88*	0.01	0.0003	0.05	0.03	0.01**

Note: Single values are maximum unless otherwise noted.

*: The aluminum content is the difference between 100% and the sum of all others analyzed metallic elements present in amounts of 0.010% or more each, expressed to the 2nd decimal before determining the sum.

** : The sum of the “others” elements 0.010% or more each, expressed to the 2nd decimal before determining the sum.

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.