



Alloy 1199 Data Sheet

AWS A5.10
ER 1199
R1199
UNS A91199

Aluminum 1199 is an alloy with good resistance to corrosion. This alloy is widely used in fields such as aerospace, marine, automobile, and engineering.

Melting Point: 1220°F
Density: .0975 lbs/cu.in
Tensile strength: 16700 psi

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

CHEMICAL COMPOSITION (Wt %):

Si	Fe	Mn	Cu	Mg	Zn	Al	Ga	Va	Other each
0.006	0.006	0.002	0.006	0.006	0.006	99.99 min	0.005	0.005	0.002

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.