

Types	Formability or Workability	Weldability	Machining	Corrosion Resistance	Heat Treating	Strength	Typical Application
Aluminum 1100	Excellent	Excellent	Good	Excellent	No	Low	Metal Spinning
Aluminum 2011	Good	Poor	Excellent	Poor	Yes	High	General Machining
Aluminum 2024	Good	Poor	Fair	Poor	Yes	High	Aerospace Application
Aluminum 3003	Excellent	Excellent	Good	Good	No	Medium	Chemical Equipment
Aluminum 5052	Good	Good	Fair	Excellent	No	Medium	Marine Application
Aluminum 5083	Good	Excellent	Good	Good	No	High	Railroad cars
Aluminum 6061	Good	Good	Good	Excellent	Yes	Medium	Structural Application
Aluminum 6063	Good	Good	Fair	Good	Yes	Medium	Architectural Application
Aluminum 6082	Good	Good	Good	Excellent	Yes	Medium	Structural Engineering
Aluminum 7075	Poor	Poor	Fair	Average	Yes	High	Aerospace Application