

RELATIVE COMPARISON OF CHARACTERISTICS FOR SOME ALUMINUM ALLOYS

<u>Characteristic</u>	<u>6082</u>	<u>6061</u>	<u>6005</u>	<u>6105</u>	<u>6063</u>	<u>6060</u>	<u>6463</u>	<u>6101</u>
Strength (tensile)	10	9	8.5	8.5	7	6	7	7
Extrudability	4	5	7	7	9	10	8	8
Finish - Mill	5	5	7	7	8	9	10	7
Finish - Bright	4	4	5	5	7	8	10	4
Finish - Dull (etch)	10	10	8	8	8	7	4	4
Electrical Conductivity	6	6	7	7	8	8	8	10
Weldability	10	10	10	10	10	10	10	10
Corrosion Resistance	8	8	9	9	10	10	9	10

Legend

Excellent/High = 10-9 (highly recommended)

Above Average = 8

Average = 7-6

Below Average = 5-4

Low/Poor = 3-2-1 (not recommended)