

Mechanical Property Limits - Aluminum Alloys

ALLOY	Temper	Tensile Strength PSI	Yield Strength PSI	% Elongation in 2" inches
208	as cast	19,000		1.5
295	T-4	29,000	13,000	6.0
295	T-6	32,000	20,000	
319	as cast	23,000	13,000	1.5
356	as cast	19,000		2.0
356	T-6	30,000	20,000	3.0
A356	as cast	24,000	12,000	4.0
A356	T-6	34,000	24,000	3.5
535	as cast	35,000	18,000	9.0
713	as cast	32,000	22,000	3.0