

RIVERSIDE BRASS
& ALUMINUM FOUNDRY LIMITED

Cast Aluminum Alloys

Nominal Chemical Composition

	Alloy	Silicon	Copper	Manganese	Magnesium	Zinc	Titanium
*	356.0	7.0	---	---	0.32	---	---
	319.0	6.0	3.5	---	---	---	---
	713.0	---	0.7	---	0.35	7.50	---
	535.0	---	---	0.18	6.80	---	0.18

Mechanical Properties

Alloy	Ultimate Strength, ksi	Yield Strength, ksi	Elongation % in 2 in.
356.0	24	18	6
319.0	27	18	2
713.0	32	22	3
535.0	35	18	9

* Variations on 356.0 (356.1, A356.0, A356.2) are also available. Contact us for details.