

## Pentz Cast Solutions

### Typical Minimum Mechanical Properties of A356 and 535 Alloys (Green Sand Molding)

	Alloy Temper	Tensile (ksi)	Yield (ksi)	Elongation %	Typical Brinell Hardness
(F) No Heat Treat	A 356-F	19	-	2	40-70
(T5) Heat Treat	A 356-T5	23	16	-	45-75
(T6) Heat Treat	A 356-T6	30	20	3	55-90
(F) No Heat Treat/Self Age	535-F or T5	35	18	9	60-90

Based on ASTM B 557 test method (uses cast test bars).

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