|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Alloy Temper | Tensile(ksi) | Yield(ksi) | Elongation % | Typical BrinellHardness |
| 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 | 535-F or T5 | 35 | 18 | 9 | 60-90 |
|  |  |  |  |  |  |

|  |
| --- |
| Typical Minimum Mechanical Properties - A356 and 535 Alloys Green Sand Molding |

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

|  |
| --- |
| [www.pentzcastsolutions.com](http://www.pentzcastsolutions.com) |