**Class Data Table Answer Key**

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| **Sample Alloy Type** | **Chemical Composition** | **UTS****(MPa)** | **Density****(kg/m3)** | **Specific Strength****Pa/(kg/m3)** |
| **6061 aluminum** | Aluminum, chromium, copper, iron, magnesium, manganese, silicon, titanium, zinc | 310 | **2720** | **0.11** |
| **464 brass** | Copper, tin, zinc | 379 | **8430** | **0.04** |
| **220 bronze** | Copper, zinc | 265 | **8900** | **0.03** |
| **101 copper** | Arsenic, copper, oxygen, phosphorus, antimony, tellurium | 241 | **8940** | **0.03** |
| **625 nickel** | (mostly) nickel, chromium, molybdenum, niobium | 827 | **8908** | **0.09** |
| **304 stainless steel** | Iron, chromium, nickel, silicon, copper, manganese, phosphorus, sulfur | 586 | **7680** | **0.08** |
| **EN 988 zinc** | Zinc, copper (less than 1%) | 150 | **7135** | **0.02** |