|  |  |
| --- | --- |
| **Substance** | **Specific Heat Capacity** **J/goC** |
| **H2 gas** | **14.267** |
| **He gas** | **5.300** |
| **H2O(l)** | **4.184** |
| **lithium** | **3.56** |
| **ethyl alcohol** | **2.460** |
| **ethylene glycol** | **2.200** |
| **ice @ 0oC** | **2.010** |
| **steam @ 100oC** | **2.010** |
| **vegetable oil** | **2.000** |
| **sodium** | **1.23** |
| **air** | **1.020** |
| **magnesium** | **1.020** |
| **aluminum** | **0.900** |
| **Concrete** | **0.880** |
| **glass** | **0.840** |
| **potassium** | **0.75** |
| **sulfur** | **0.73** |
| **calcium** | **0.650** |
| **iron** | **0.444** |
| **nickel** | **0.440** |
| **zinc** | **0.39** |
| **copper** | **0.385** |
| **brass** | **0.380** |
| **sand** | **0.290** |
| **silver** | **0.240** |
| **tin** | **0.21** |
| **lead** | **0.160** |
| **mercury** | **0.14** |
| **gold** | **0.129** |