|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Hex Pack** | **Hex Pack with Interface**  **(Same properties as matrix)** | **Hex Pack with Interface (10% strength as matrix)** | **Hex pack w/ interphase (100 GPa)** |
| **E11** | 1.2420e+05 | 1.2420e+05 | 1.2416e+05 | 1.2664e+05 |
| **v12** | 0.3196 | 0.3196 | 0.3196 | 0.3196 |
| **G12** | 3.0374e+03 | 3.0374e+03 | 2.1837e+03 | 3.2206e+03 |
| **K23** | 6.6429e+03 | 6.6429e+03 | 4.8736e+03 | 6.9609e+03 |
| **G23** | 2.9485e+03 | 2.9485e+03 | 2.2838e+03 | 3.1270e+03 |
| **E22** | 8.1139e+03 | 8.1139e+03 | 6.1886e+03 | 8.5711e+03 |
| **v23** | 0.3759 | 0.3759 | 0.3549 | 0.3705 |