**Table 1.** Values of parameters calculated by different fatigue life models.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Temperature(*°*C)** | | **Parameters** | | | | | | | |
| **(MPa)** | **(10-3)** | **b** | **c** | ***E* (GPa)** | ***W*0**  **(MJ/m3)** | ***β*** | ***k*** |
| **AC** | **280** | 282 | 1.96 | -0.154 | -0.111 | 72 | 1.8 | 3.39 | 0.86 |
| **350** | 179 | 38.3 | -0.153 | -0.323 | 68 | 12.2 | 2.23 | 0.79 |
| **420** | 76 | 676.1 | -0.113 | -0.636 | 64 | 28.6 | 1.66 | 084 |
| **UT** | **280** | 991 | 64.8 | -0.273 | -0.392 | 74 | 12.88 | 2.49 | 0.97 |
| **350** | 397 | 133 | -0.222 | -0.425 | 70 | 20.61 | 2.19 | 0.80 |
| **420** | 264 | 110 | -0.230 | -0.409 | 65 | 31.63 | 1.78 | 0.71 |