**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  |