**Table.2 Fitted Parameters of the FX model for the confined GMZ01 bentonite**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| dry density  Mg/m3 | temperature  /°C | /MPa | /% | /MPa |  |  | R2 |
| 1.5 | 20 | 250 | 27.6 | 2.15 | 0.69 | 0.55 | 0.9972 |
| 1.7 | 20 | 25.0 | 4.69 | 0.64 | 0.9954 |
| 1.9 | 20 | 22.1 | 9.49 | 0.60 | 0.9991 |
| 1.7 | 40 | 24.8 | 3.98 | 0.72 | 0.9983 |
| 1.9 | 40 | 22.1 | 8.05 | 0.69 | 0.9942 |
| 1.7 | 60 | 24.6 | 3.20 | 0.83 | 0.9963 |
| 1.9 | 60 | 21.8 | 6.47 | 0.81 | 0.9704 |