**Table.4 Main physical parameters and related information of bentonites**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Bentonite | Country | Specific gravity | Liquid limit (%) | Plasticity index | Montmorillonite (%) | SSA (m2/g) | CEC (meq/100g) | Date sets information | | confined / unconfined | References |
| dry density  (Mg/m3) | temperature  (°C) |
| FEBEX | Spain | 2.70 | 104 | 48 | 92 | 725 | 102±4 | 1.60  1.65  1.70 | 20 | confined | (Lloret et al. 2003) |
| 1.60  1.65 | 40  60 | confined | (Villar and Lloret 2004) |
| MX-80 | Sweden | 2.76 | 526 | 480 | 65~82 | 522 | 74 | 1.30  1.60  1.79 | 20  60 | confined | (Jacinto et al. 2009) |
| Ca-GMZ | China | 2.725 | 99 | 58 | 73~82 | 617 | 83 | 1.35 | 20  40  60  80 | unconfined | (Zhu et al. 2016) |
| Barmer 1 | India | 2.69 | 409 | 367 | 68 | 450 | 80 | 1.5  1.75  2.0 | 20 | confined | (Rao and Ravi 2013) |
| B75 | Czech | 2.87 | 229 | 164 | 60 | unknown | 133 | 1.27  1.60  1.90 | 20 | unconfined | (Sun et al.) |