|  |  |
| --- | --- |
| **Ball Number** | **Diameter (cm)** |
| 1 |  |
| 2 |  |
| .. |  |
| Average |  |

Table 1. Measured diameter of ping pong balls

Table 2. Model Construction Data

|  |  |  |  |
| --- | --- | --- | --- |
| Structure | BCC | FCC | HCP |
| Number of balls |  |  |  |
| Lattice parameters (cm) |  |  |  |
| Measured volume (cm3) |  |  |  |
| Calculated volume (cm3) |  |  |  |
| Atomic Packing Factor |  |  |  |

Table 3. Measured interplanar distances

|  |  |  |  |
| --- | --- | --- | --- |
| Structure | Interpalanar Distance (cm) | | |
| (100) | (110) | (111) |
| BCC |  |  |  |
| FCC |  |  |  |
| HCP |  | - | - |

Table 4. Calculated interplanar distances

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Structure | Interpalanar Distance (cm) | | | |
| (100)  (0001) and (0002) for hcp | | (110) | (111) |
| BCC |  | |  |  |
| FCC |  | |  |  |
| HCP |  |  | - | - |

Table 5. Measured interstitial Sites

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Structure | Coordination number | Location of interstitial | Number of interstitial sites | Diameter of interstitial atom (cm) | Radius ratio |
| BCC |  |  |  |  |  |
|  |  |  |  |  |
| FCC |  |  |  |  |  |
|  |  |  |  |  |
| HCP |  |  |  |  |  |
|  |  |  |  |  |