Table 1 – Mechanical properties of the materials used in the analysis

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| Material | Elastic Modulus (GPa) | Poisson coeficient | Reference |
| Enamel | 84 | 0.30 | Versluis et al. |
| Dentin | 18 | 0.23 | Versluis et al. |
| Periodontal Ligament | 1.18 x 10-5 | 0.45 | Rundguist et al. |
| Polyurethane | 3.6 | 0.3 | Souza et al. |