

OliPost Light – physical properties

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|------------------------------|-------------------|-------------------|
| Product name: | OliPost Light | |
| The type of product: | Dental Fiber-Post | |
| Physical properties | | |
| Property | Mean Value | Unit |
| Specific Gravity | 2,03 +/- 0,05 | g/cm ³ |
| Water Absorption by weight | <0,05 | % |
| Fiber Content by weight | 78 +/- 3 | % |
| Fiber content by volume | 60 +/- 3 | % |
| Resin type | Epoxy | - |
| Resin content by volume | 40 +/- 3 | % |
| Fiber Transition temperature | 117 +/- 5 | °C |
| Nano particles of zirconium | 0,000 000 001 | mm |
| TENSILE | | |
| Modulus of elasticity 30° | >15 | GPa |
| Tensile strength | >1500 | MPa |
| Elongation | > 2 | % |
| FLEXURAL | | |
| Modulus of elasticity | > 15 | GPa |
| Flexural strength | > 1600 | MPa |

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