

E-Dent 1000 c93

Coming Soon



Biocompatible material for use in producing high quality monolithic dentures and try-ins as well as outstanding fully digital dentures.

Not for Clinical Use

| Physical Properties | | |
|-----------------------------|-----------------|--|
| Viscosity @ 30°C | 660 cP | |
| Shore D | 89-90 | |
| Izod Notched Impact | 20 J/m | |
| Heat Deflection Temperature | 58°C @ 1.82 MPa | |
| Vickers Hardness | 18 HV | |
| | Dry Material | After Immersion in Water 2 Days -37°C |
| Young's Modulus | 1340 MPa | 1330 MPa |
| Ultimate Strength | 67.5 MPa | 68.9 MPa |
| Strain at Break | 16% | 14% |
| Ultimate Flexural Strength | 136 MPa | 120 MPa |
| Flexural Modulus | 3660 MPa | 3300 MPa |

| Physical Properties as Compared with Competitive Materials ¹ | | | | |
|---|-------------|-----------------------|---------------------|----------------------------|
| | E-Dent 1000 | IPN 3D by Carbon3D | NextDent C&B MFH | Dentca Teeth for Carbon |
| Flexural Strength, MPa | 136/125 | 125 | 107 | >50 |
| Flexural Modulus, MPa | 3660/3300 | N/A | N/A | N/A |
| Vickers Hardness, HV | 18 | N/A | 23 | 33 |