E-Denture Pro

Coming Soon

Breakthrough 3D printing material for use in producing denture bases for complete digital denture solutions. Provides incredible strength and pleasing aesthetics.

Physical Properties		
Viscosity @ 30°C	535 cP	
Shore D	81	
Izod Notched Impact	29.6 J/m	
Total Work Fracture	3500 J/m2	
	Dry Material	After Immersion in Water 2 Days -37°C
Young's Modulus	780 MPa	902 MPa
Ultimate Strength	37.4 MPa	45.8 MPa
Strain at Break	76%	58.5%
Ultimate Flexural Strength	90 MPa	81 MPa
Flexural Modulus	2380 MPa	2325 MPa

Physical Properties as Compared with Competitive Materials[1]				
Resin	E-Denture Pro	Lucitone 199 (Thermal Reference)	Lucitona HIPA	Lucitona Digital Carbon
Flexural Strength, MPa	90/81*	72	68	68
Flexural Modulus, MPa	2380/2325*	2100	2300	2250
Total Work Fracture, J/m²	3500 J/m²	1300	1350	1400
Strain at Break[4], %	76/58.5*	N/A	N/A	5.8
*After Immersion in Water 2 Days -37°C				

Not for Clinical Use

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