

# zDental Model Z Tan

## Technical Data Sheet

### Product Discription:

zDental Model Z Tan is an outstanding resin for orthodontic models. It has the characteristics of precise high detail reduction, good temperature resistance and stable size. Assist outpatient or technical factories in completing the follow-up process of medical devices such as crowns and implants by printing relevant physical models.

Tested Property	Result	Standard/Method
<b>Tensile Property</b>		
Tensile Strength, MPa	34.11	ASTM D638
Tensile Modulus, MPa	943.26	ASTM D638
Elongation, %	15.46	ASTM D638
<b>Flexural Property</b>		
Flexural Strength, MPa	36.89	ISO 178
Flexural Modulus, MPa	1104.92	ISO 178
<b>Impact Property</b>		
IZOD Impact (Notched), J/m	29.49	ASTM D256

<b>Characteristics</b>	
Shore D Hardness	83
Heat Deflection Temp.(0.45 Mpa)	51.5°C
Viscosity, mPa·s	347

1. The testing samples are printed by NBEE with default parameters of 100 µm layer thickness,

and post-cured by UCure with default parameters of the zDental Model Z Tan resin.

2. Mechanical properties will vary based on printer, model orientation onto build platform, printing parameters used, cleaning and post-curing of the printed parts, and so on. Learn more at [www.UNIZ.com](http://www.UNIZ.com).

3. UNIZ guarantee that the information and data stated herein are based upon tests in our lab and are considered to be reliable and accurate. This information and data are used for reference only, no warranty as a legal basis. User should be tested by themselves firstly.