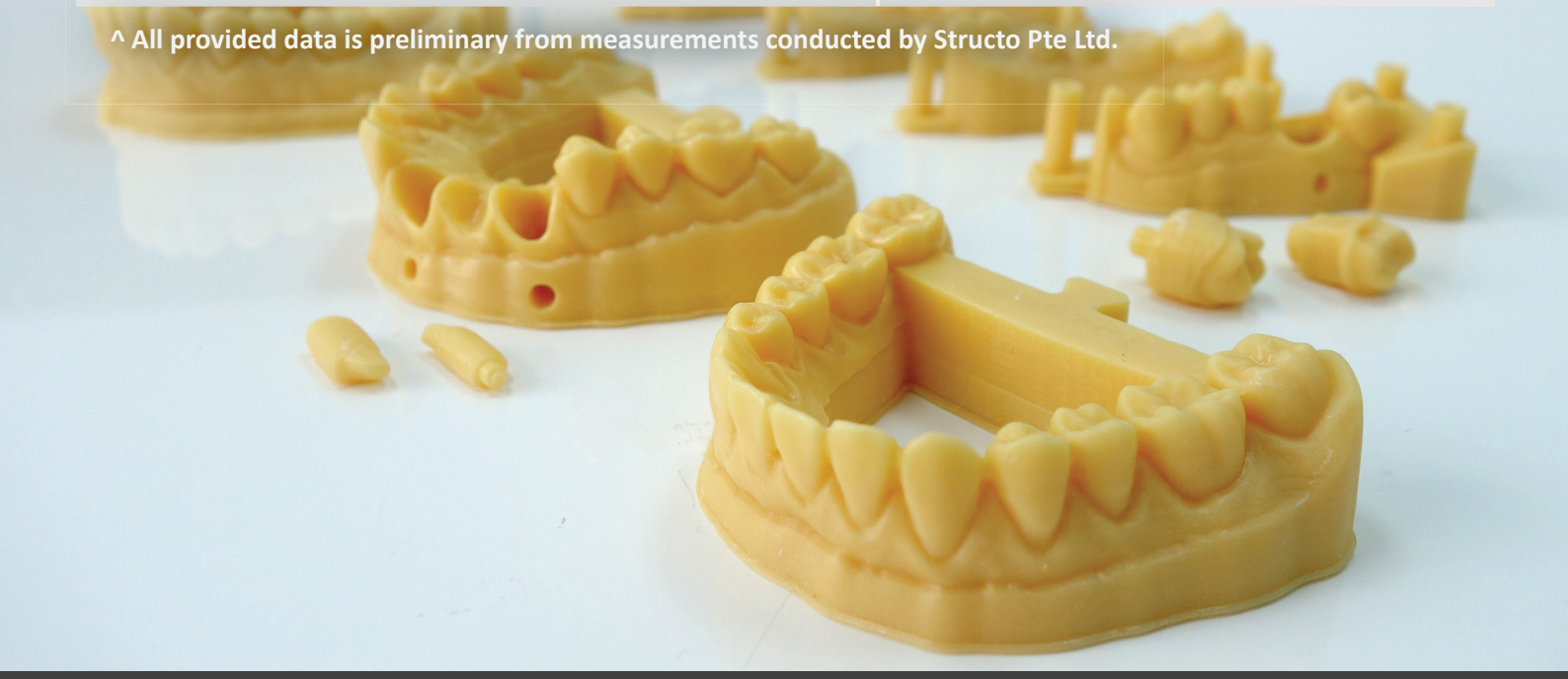
Structo®
Empowering Dental with 3D

Structomer® Model

Mechanical Property	Metric
Tensile Modulus - ISO 527-1:1996	287 - 396 MPa
Tensile Strength - ISO 527-1:1996	16 - 18 MPa
Elongation At Break - ISO 527-1:1996	15 - 25 %
Flexural Modulus - ISO 178:2010	1124 - 1170 MPa
Flexural Strength - ISO 178:2010	43 - 51 MPa
Hardness Shore D - ISO 868:2003	80 - 85
Viscosity at 23 °C	1200 - 1550 mPa·s

^ All provided data is preliminary from measurements conducted by Structo Pte Ltd.



Structomer® Model is a dental modelling material intended for high-precision dental and orthodontic models. Formulated with high toughness characteristics, this fast-curing material enables the accurate printing of high-strength dental models. The opaque colour captures the detailing and accuracy required to visualize the patient's anatomy for appliance manufacturing in both orthodontic and restorative dentistry applications. The final print feels good to hold and work with. The mechanical properties of the material are targeted for high elongation to break and low brittleness, thus also making it suitable for use in vacuum forming applications for example, clear aligners manufacturing. Structomer® Model, paired with Structo 3D printers is the perfect combination for fast turnaround and high throughput digital dentistry. Available in opaque beige colour; comes in 1kg container.