

HUGE

Dental Model

3D PRINTING MATERIALS



Dental Model M3.0

Resin for reliable and efficient dental model printing

Dental Model M3.0 offers reliable accuracy and strong mechanical performance, reducing breakage during daily use and post-processing—ideal for cost-effective restorative workflows.



Precise printing ensures dependable model quality



Virtually odorless, improved user experience



Excellent dimensional stability for precise fit



Almond color for clear margin visibility



High mechanical strength, reduced breakage risk



FDA and CE certified for medical compliance

Technical Data

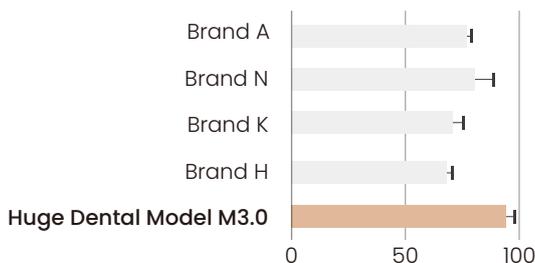
PROPERTY	DENTAL MODEL M3.0
Tensile Strength	54-59 MPa
Tensile Modulus	1720-1782 MPa
Elongation at Break	6.5%-7.0%
Impact strength	25-36 J/m
Viscosity @ 25°C	300



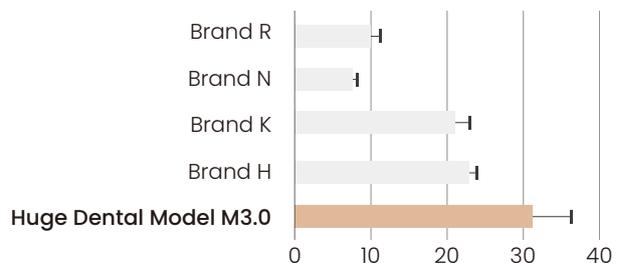
Higher tensile strength ensures the model resists bending or deformation during handling and functional testing.

Higher impact strength protects the model from breaking when dropped or subjected to sudden force.

Flexural Strength (MPa)



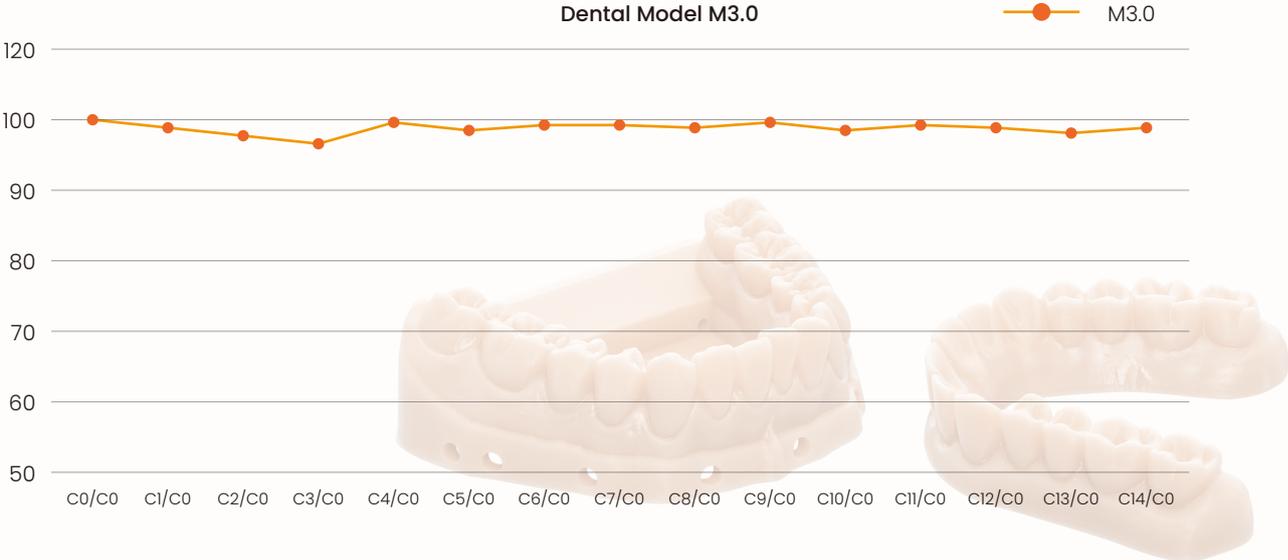
Impact Strength (J/m)



*Data from Huge lab

Stable Dimensions for Lasting Fit

Maintains shape after post-curing and storage, ensuring final accuracy and fit.

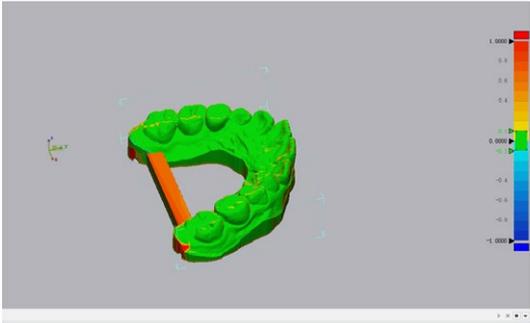


Dimensional Stability Evaluation Over Time Based on STL Overlay (%) of Orthodontic Models

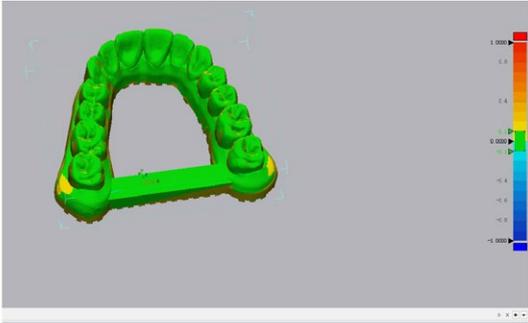
**Data from Huge lab*

Reliable Precision for Everyday Use

Achieves 98.6% alignment within ±0.1 mm, supporting dependable results in daily workflows.



Brand A
Overlap Ratio (within ±0.1 mm): 90.5%



Huge Dental Model M3.0
Overlap Ratio (within ±0.1 mm): 98.6%

Accuracy Assessment Based on STL Overlay Comparison of Orthodontic Models

**Data from Huge lab*

Dental Model

M3.0 Pro

Resin with enhanced precision and strength for dental models

Dental Model M3.0 Pro delivers higher precision and reinforced strength, minimizing breakage during trimming, fitting, or frequent handling—built for professionals who need more from every print.



Enhanced precision, suited for demanding master models requiring high detail



Virtually odorless, improved user experience



Excellent dimensional stability for precise fit



Neutral grey color enhances contrast for margin visibility



Outstanding impact strength reduces breakage, ideal for intensive handling or complex cases



FDA and CE certified for medical compliance

Technical Data

PROPERTY	DENTAL MODEL M3.0
Tensile Strength	54–57 MPa
Tensile Modulus	1538–1590 MPa
Elongation at Break	7.3%–10.0%
Impact strength	43–70 J/m
Viscosity @ 25°C	1160

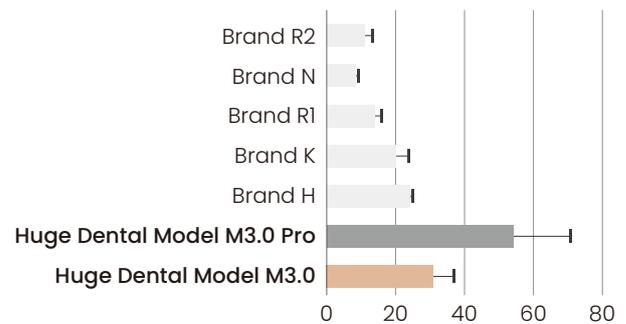
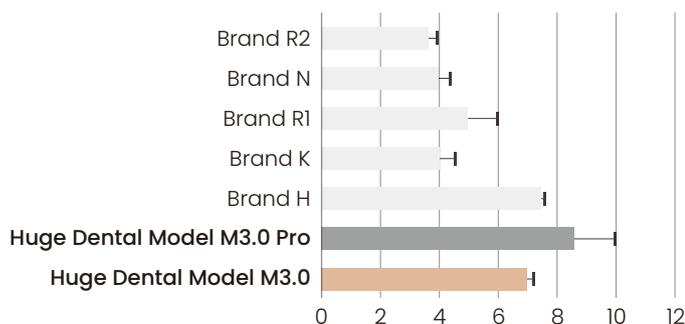


Higher elongation at break lets the model flex without cracking, minimizing chipping during trimming or fitting.

Outstanding impact strength provides reinforced durability beyond standard materials—resisting drops, pressure, and heavy daily use.

Elongation at Break (%)

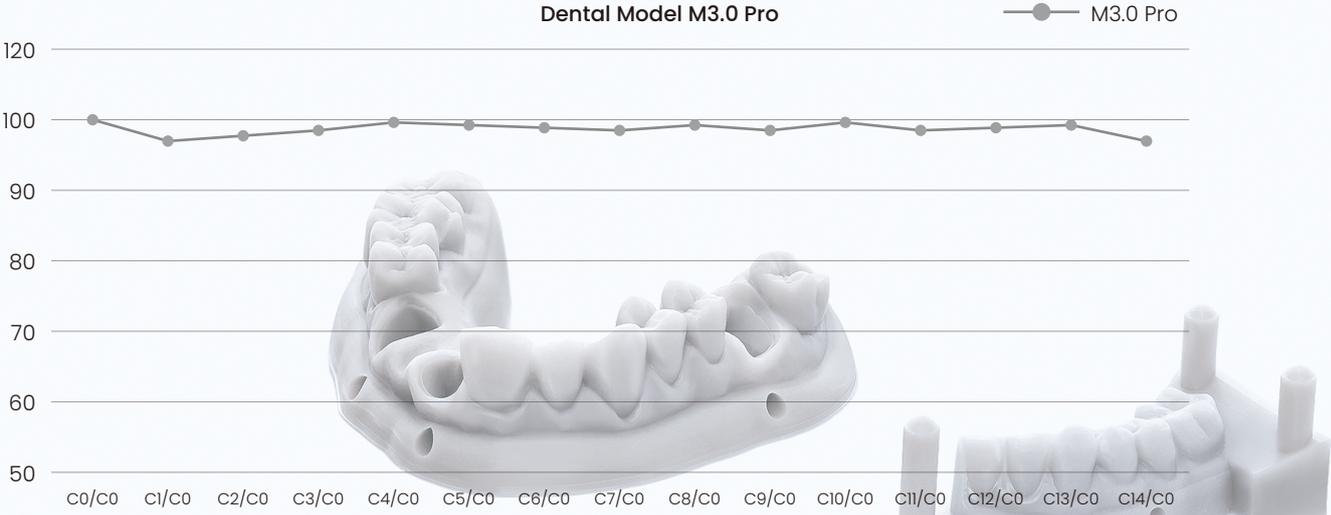
Impact Strength (J/m)



*Data from Huge lab

Stable Dimensions for Lasting Fit

Maintains shape after post-curing and storage, ensuring final accuracy and fit.

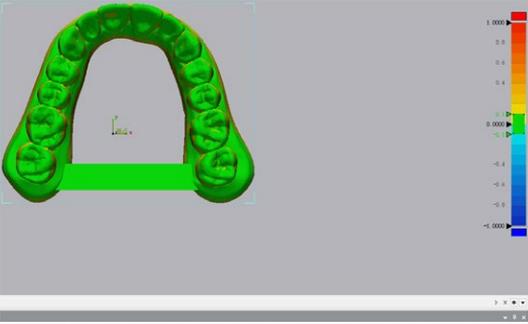


Dimensional Stability Evaluation Over Time Based on STL Overlay (%) of Orthodontic Models



Advanced Accuracy You Can Trust

Achieves 99.9% accuracy within ±0.1 mm, exceeding standard model performance for diagnostic and restorative reliability.



Huge Dental Model M3.0 Pro
Overlap Ratio (within ±0.1 mm): 99.9%



Huge Dental Model M3.0 Pro
Overlap Ratio (within ±0.05 mm): 97.5%

Accuracy Assessment Based on STL Overlay Comparison of Orthodontic Models

*Data from Huge lab

HUGE

www.hugedental.com



Shandong Huge Dental Material Corporation

Add / No.68 Shanhai Road, Donggang District, Rizhao City, Shandong Province,
276800, P.R. China.

Tel / +86 (633) 2277268 marketing@hugedental.com www.hugedental.com



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