



Biocompatible Origin DM200™ for Stratasys Origin One Dental Printer

The Biocompatible Origin DM200 is a universal resin, suitable for multiple applications including dental models, surgical guides, denture try-ins, and custom trays on the P3™ (DLP) Origin One Dental 3D printer.

The Biocompatible DM200 resin is highly accurate and increases output by shortening print times and reducing waste by eliminating the need to replace resin and trays when switching between applications. This resin is ideal for large volume flow production

	Application	Models	Try-in	Surgical Guide	Custom tray
	ASTM	Value	Value	Value	Value
Appearance	—	Beige	Beige	Beige	Beige
Tensile Strength	D-638	>40	>30	>50	>40
Tensile Modulus (Mpa)	D-638	1600-2300	1500-1750	1900-2100	1700-1800
Elongation at Break (%)	D-638	10-20	15-25	10-20	10-20
Flexural Strength (Mpa)	D-790	45-65	50-70	40-80	60-75
Flexural Modulus (Mpa)	D-790	1660-2200	1750-1950	2100-2450	1900-2150
HDT, °C @ 0.45 MPa	D-648	45	43	49	47
Izod Notched Impact (J/m)	D-256	21	20	21	21
Shore Hardness (D)	Scale D	80	80	80	80
Polymerized Density (gr/cm ³)	Scale M	1.18	1.18	1.18	1.17

For information on the DM200 and other materials and applications, please visit
<https://www.stratasys.com/en/3d-printers/printer-catalog/p3/origin-one-dental-printer/>

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ISO 9001:2015 Certified

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