

# VisiJet® M3 Dental Materials

For castable and pressable wax-ups and precision dental models



Properties	Condition	VisiJet M3 Dentcast	VisiJet M3 PearlStone	VisiJet M3 Stoneplast	VisiJet S300
Composition			UV Curable Plastic		Wax Support Material
Color		Dark Green	White	Natural	White
Bottle Quantity		2 kg	2 kg	2 kg	2 kg
Density @ 80 °C (liquid)		102 g/cm <sup>3</sup>	104 g/cm <sup>3</sup>	102 g/cm <sup>3</sup>	N/A
Tensile Strength	ASTM D638	32 MPa	40 MPa	41 MPa	N/A
Tensile Modulus	ASTM D638	1724 MPa	1794 MPa	1850 MPa	N/A
Elongation at Break	ASTM D638	12.3%	7.7%	17%	N/A
Flexural Strength	ASTM D790	45 MPa	N/A	51 MPa	N/A
Heat Distortion Temperature	ASTM D648 @ 0.45 MPa	N/A	88 °C	56 °C	N/A
Ash Content		0.01%	N/A	N/A	N/A
Melting Point		N/A	N/A	N/A	60 °C
Softening Point		N/A	N/A	N/A	40 °C
USP Class VI Certified*		No	No	Yes	N/A
Printing Modes Compatibility		UHD, HDX, HDP	HDX, HDP	HDX, HDP	UHD, HDX, HDP
Description		Wax-up castable material	Solid stone appearance	Translucent or stone finish**	Non-toxic wax material for hands- free melt-away supports

\* DISCLAIMER: Material is capable of meeting the requirements of USP Class VI testing. It is the responsibility of each customer to determine that its use of any VisiJet® material is safe, lawful and technically suitable to the customer's intended applications. The values presented here are for reference only and may vary. Customers should conduct their own testing to ensure suitability for their intended application.

\*\* Choice of finish requires additional post processing.



**middle east**  
3D PRINTING THE FUTURE

**3D SYSTEMS**  
DISTRIBUTOR | Middle East & North Africa

U.A.E Office : 3204, Prism Tower, Business Bay, P.O. Box 28820, Dubai, U.A.E.  
K.S.A Office : Al Saif Tower, 6th Floor, King Abdullah Street, Near Intersection with Olaya Street, Riyadh, K.S.A.  
Tel : +971.4.443.3853 ; Fax : +971.4.443.3938 ; Email : info@3d-me.com ; Website: www.3d-me.com