

Materiale MultiJet Printing



	Standard	VisiJet M2 RWT	VisiJet M2 RBK	VisiJet M2 RCL	VisiJet M2 ENT	VisiJet M2 EBK	VisiJet M2 SUP	VisiJet M3-X	VisiJet M3 Black	VisiJet M3 Crystal	VisiJet M3 Proplast
Compozitie		UV Curable Plastic	UV Curable Plastic	UV Curable Plastic	UV curable elastomeric	UV curable elastomeric	Wax Support	UV Curable Plastic			
Culoare		Alb opac	Negru opac	Translucent	Translucent Natural	Negru opac	Alb	Alb	Negru	Natural	Natural
Descriere		Rigid, alb, aspect si finisare de ABS injectat - prototipare, machete, modele.	Rigid, negru, alb, aspect si finisare de plastic injectat - prototipare, machete, modele.	Rigid, translucid, aspect si finisare tip policarbonat.	Flexibil, pana la 200% elongatie.	Flexibil, pana la 200% elongatie.	Ceara (non toxic).	Plastic tip ABS - aspect si performante de ABS injectat - prototipuri, modele, piese finite. Rezistent termic. Functional.	Aspect si finisare plastic injectat, rezistent si flexibil. Durabilitatea polipropilenei.	Plastic robust, cu performante si aspect de policarbonat, translucid / transparent, aplicatii medicale (clasa VI).	Plastic, natural - translucid alb, durabilitate.
Cantitate cartus		1.5 kg	1.5 kg	1.5 kg	1.5 kg	1.5 kg	1.4 kg	2 kg	2 kg	2 kg	2 kg
Densitate	ASTM D4164 @	1.19 g/cm3 20 °C (solid)	1.19 g/cm3 20 °C (solid)	1.18 g/cm3 20 °C (solid)	1.12 g/cm3 20 °C (solid)	1.12 g/cm3 20 °C (solid)	N/A	1.04 g/cm3 80 °C (lichid)	1.02 g/cm3 80 °C (lichid)	1.02 g/cm3 80 °C (lichid)	1.02 g/cm3 80 °C (lichid)
Rezistenta la tractiune	ASTM D638	37-47 MPa	29-37 MPa	40-50 MPa	0.2-0.4 MPa	0.2-0.4 MPa	N/A	49 MPa	35.2 MPa	42.4 MPa	26.2 MPa
Modul de elasticitate	ASTM D638	1000-1600 MPa	600-1100 MPa	1000-1600 MPa	0.27-0.43 MPa	0.27-0.43 MPa	N/A	2168 MPa	1594 MPa	1463 MPa	1108 MPa
Elongatie la rupere	ASTM D638	7-16 %	11-21 %	9-18 %	160-230 %	160-230 %	N/A	8.30%	19.70%	6.83%	8.97%
Rezistenta la incovoiere	ASTM D790	59-69 MPa	44-60 MPa	73-83 MPa	N/A	N/A	N/A	65 MPa	44.5 MPa	49 MPa	26.6 MPa
Temperatura de deformare la 0.45 MPa	ASTM D648	52 °C	48 °C	54 °C	N/A	N/A	N/A	88 °C	57 °C	56 °C	46 °C
Punct de topire		N/A	N/A	N/A	N/A	N/A	60 °C	N/A	N/A	N/A	N/A
Punct de inmuiere		N/A	N/A	N/A	N/A	N/A	40 °C	N/A	N/A	N/A	N/A
Imprimanta		ProJet MJP 2500 & 2500 Plus		ProJet MJP 2500 Plus			ProJet MJP 2500 & 2500 Plus	ProJet MJP 3600 & 3600 Max & 3510 SD			





	Standard	VisiJet M3 Dentcast	VisiJet M3 PearlStone	VisiJet M3 Stoneplast	VisiJet S300	VisiJet M3 Hi-Cast	VisiJet S400
Compozitie		UV Curable Plastic			Wax Support Material	100% Wax	Wax Support Material
Culoare		Verde inchis	Alb	Natural	Alb	Albastru Navy	Alb
Descriere		Material fuzibil de tip ceara pentru dinti sau punti ori coroane, repetabilitate. Poate fi de asemenea presat folosind tehnici conventionale.	Model solid, modele maxilar sau mandibula, sau dantura partiala, aplicatii ortodontice, modele pentru termoformare.	Aspect model gips, cost redus, ghiduri chirurgicale, aplicatii ortodontice.	Ceara, nontoxic.	Fuzibil, modele de inalta rezolutie, detalii si suprafete fine.	Ceara, nontoxic.
Cantitate cartus		2 kg	2 kg	2 kg	2 kg	1.75 kg	1.75 kg
Densitate @ 80 °C (lichid)	ASTM D4164	102 g/cm3	104 g/cm3	102 g/cm3	N/A	0.81 g/cm3	0.87 g/cm3
Rezistenta la tractiune	ASTM D638	32 MPa	40 MPa	41 MPa	N/A	N/A	N/A
Modul de elasticitate	ASTM D638	1724 MPa	1794 MPa	1850 MPa	N/A	N/A	N/A
Elongatie la rupere	ASTM D638	12.30%	7.70%	17%	N/A	N/A	N/A
Rezistenta la incovoiere	ASTM D790	45 MPa	N/A	51 MPa	N/A	N/A	N/A
Temperatura de deformare la 0.45 MPa	ASTM D648@ 0.45 MPa	N/A	88 °C	56 °C	N/A	N/A	N/A
Continut cenusa		0.01%	N/A	N/A	N/A	N/A	N/A
Punct de topire		N/A	N/A	N/A	60 °C	70 °C	55-65 °C
Punct de inmuierie		N/A	N/A	N/A	40 °C	52-62 °C	N/A
Certificare USP Class VI		Nu	Nu	Da	N/A	No	N/A
Contractie volumetrica de la 40 °C la RT		N/A	N/A	N/A	N/A	2.24%	N/A
Contractie liniara de la 40 °C la RT		N/A	N/A	N/A	N/A	0.75%	N/A
Imprimanta		ProJet 3600 Dental	ProJet 3600 Dental	ProJet 3600 Dental	ProJet 3600 Dental	ProJet 3600 W	ProJet 3600 W Max

