

PolyJet™ Dental Materials

Developed for the DentaJet Series multi-material 3D printing product line, our materials are engineered to produce highly accurate and consistent dental parts at scale.

MED610™ Bio-compatible material

Rigid, transparent dental resin featuring high dimensional stability. Intended for printing surgical guides and removal partial denture casting patterns.

VeroGlaze™ MED620

Biocompatible VeroGlaze™ MED620 is a rigid, opaque dental resin featuring high dimensional stability and accuracy. Intended for printing dental models.

MED625FLX™ biocompatible material

Flexible, biocompatible material for temporary in-mouth placement. Ideal for gingival masks.

SUP711S™

Gel like support material was specially designed to uphold overhangs and complicated geometries on DentaJet Series 3D printing LED curing process.

TrueDent™

FDA cleared (Class II) light-curable resin indicated for the fabrication of dental appliances. Compatible only with the J5 DentaJet® 3D printer. Indicated for the fabrication of dental appliances including but not limited to removable full dentures and temporaries*.

Property	Standard/Procedure	Clear Biocompatible MED610	Biocompatible VeroGlaze MED620
Tensile Strength (MPa)	D-638-03	50 – 65	55 – 65
Elongation at break (%)	D-638-05	10 – 25	15 – 25
Modulus of elasticity (MPa)	D-638-04	2,000 – 3,000	2,300 – 3,300
Flexural Strength (MPa)	D-790-03	75 – 110	80 – 100
Flexural Modulus (MPa)	D-790-04	2,200 – 3,200	2,300 – 3,200
HDT 0.45 MPa (°C)	D-648-06	45 – 50	45 – 50
HDT 1.82 MPa (°C)	D-648-07	45 – 50	45 – 50
Izod Notched Impact (J/M)	D-256-06	20 – 30	20 – 30
Water Absorption (%)	D-570-98 24HR	1.1 – 1.5	.1 – 1.5
Tg (°C)	DMA E	52 – 54	52 – 54
Shore Hardness (D)	Scale D	83 – 86	83 – 86
Rockwell Hardness (scale M)	Scale M	73 – 76	73 – 76
Polymerized density (gr/cm ³)	ASTM D792	1.17 – 1.18	1.17 – 1.18
Bio-compatibility	DIN EN ISO 10993 -1:2009	Approved	Approved
Support Removal Type	–	WaterJet	WaterJet



Dental Materials

Property	Standard/ Procedure	MED625FLX
Tensile Strength (MPa)	D-412	3 – 5
Elongation at break (%)	D-412	45 – 55%
Compressive Set (%)	D-395	0.5 – 1.5%
Shore Hardness (Scale A)	D-2240	73 – 77
Tensile Tear Resistance (kg/cm)	D-624	8 – 12
Polymerized density (gr/cm ³)	D-792	1.16 – 1.17 g/cm ³
Bio-compatibility	EN ISO 10993-1	Approved
Support Removal Type	–	WaterJet

TrueDent Specifications			
Property	Requirement	Value	Compliance
Ultimate flexural strength (MPa)	≥65	≥85	ISO 20795-1:2013
	≥50	≥94	ISO 10477:2020
Flexural modulus (MPa)	≥2000	≥2300	ISO 20795-1:2013
Water Sorption (µg/mm ³)	≤32	≤32	ISO 20795-1:2013
	≤40	≤28	ISO 10477:2020
Solubility (µg/mm ³)	≤1.6	≤1.1	ISO 20795-1:2013

Part Number	Quantity	Product Description
OBJ-09164	Pack of 1	TDM100, TrueDent Clear, 1.1 KG
OBJ-09165	Pack of 1	TDM120, TrueDent Cyan, 1.1 KG
OBJ-09166	Pack of 1	TDM130, TrueDent Magenta, 1.1 KG
OBJ-09168	Pack of 1	TDM110, TrueDent White, 1.1 KG
OBJ-09169	Pack of 1	TDM140, TrueDent Yellow, 1.1 KG
OBJ-09167	Pack of 1	TDS100, TrueDent Support, 1.1 KG

* For a full list of indications please refer to the TrueDent brochure.

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