

Ortho model resin

Temperature resistant

● Yellow ● Beige ● Gray , customizable



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SPECIFICATIONS	PN-Model	
Hardness	ASTM D2240	D85-90
Flexural modulus	ASTM D790	1400-1800MPa
Flexural strength	ASTM D790	70-90MPa
Elongation at break	ASTM D638	10-15%
Heat deflection temperature	ASTM D648@66PSI	75-85°C
Cytotoxicity	ISO 10993-5	
Allergenicity	ISO 10993-10	
Irritant	ISO 10993-10	



Machine model	Number of layouts (regular size)	1KG resin printable quantity	Printing time (100µm)	Printing time (50µm)
DJ89PLUS	8-10	≥ 80	23min	44min
D158/D160	4-5	≥ 80	17min	28min
D150	2-3	≥ 80	15min	28min
D136	15-17	≥ 80	41min	72min

Ortho model resin 2.0

Cost-effective

● Yellowish brown ● Gray , customizable

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SPECIFICATIONS	PN-Model 2.0	
Hardness	ASTM D2240	D85-90
Flexural modulus	ASTM D790	1200-1600MPa
Flexural strength	ASTM D790	80-95MPa
Tensile modulus	ASTM D638	600-1000MPa
Tensile strength	ASTM D638	40-50MPa
Heat deflection temperature	ASTM D648@66PSI	75-85 °C



Machine model	Number of layouts (regular size)	1KG resin printable quantity	Printing time (100µm)	Printing time (50µm)
DJ89PLUS	8-10	≥ 80	23min	44min
D158/D160	4-5	≥ 80	17min	28min
D150	2-3	≥ 80	15min	28min
D136	15-17	≥ 80	41min	72min

Surgical guide resin

High transparency

Transparent



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SPECIFICATIONS	PN-SG	
Hardness	ASTM D2240	D75-85
Tension strength	ASTM D638	40-60MPa
Elongation at Break	ASTM D638	10-15%
Flexural Strength	ASTM D790	100-120MPa
Cytotoxicity	ISO 10993-5	
Allergenicity	ISO 10993-10	
Irritant	ISO 10993-10	



Machine model	Number of layouts (regular size)	1KG resin printable quantity	Printing time (100µm)	Printing time (50µm)
DJ89PLUS	10-11	≥ 180	44min	79min
D158/D160	3-4	≥ 150	39min	74min
D150	3-4	≥ 150	35min	68min
D136	15-16	≥ 195	50min	90min

Dental casting resin

Residue free

Cherry red Green



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SPECIFICATIONS	PN-Cast	
Hardness	ASTM D2240	D80-85
Flexural modulus	ASTM D790	1500-2000MPa
Flexural strength	ASTM D790	45-65MPa
Bakeout temperature	/	1.5h@850°C



Machine model	Number of layouts (regular size)	1KG resin printable quantity	Printing time (100µm)	Printing time (50µm)
DJ89PLUS	28-29	≥ 600	34min	60min
D158/D160	11-12	≥ 550	27min	52min
D150	10-11	≥ 550	27min	52min
D136	45-48	≥ 600	37min	66min

Removable die model resin

Scratch resistance

● Wheat complexion ● Gray , customizable



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SPECIFICATIONS	PN-RD	
Hardness	ASTM D2240	D85-90
Flexural modulus	ASTM D790	1500-2000MPa
Flexural strength	ASTM D790	60-80MPa
Elongation at break	ASTM D638	10-15%
Cytotoxicity	ISO 10993-5	
Allergenicity	ISO 10993-10	
Irritant	ISO 10993-10	



Machine model	Number of layouts (regular size)	1KG resin printable quantity	Printing time (100µm)	Printing time (50µm)
DJ89PLUS	10-11	≥ 140	43min	77min
D158/D160	4-5	≥ 120	43min	70min
D150	4	≥ 150	29min	56min
D136	18-19	≥ 80	47min	87min

Temporary restoration resin

A1/A2/A3/B1/BL1

● A1 ● A2 ● A3 ● B1 ● BL1 , customizable



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SPECIFICATIONS	PN-Temp	
Hardness	ASTM D2240	D85-90
Flexural modulus	ASTM D790	2000-3000MPa
Flexural strength	ASTM D790	100-140MPa
Tensile modulus	ASTM D638	1100-1500MPa
Tensile strength	ASTM D638	65-85MPa
Elongation at break	ASTM D638	10-15%
Water absorption	ASTM D570	<1.0%
Cytotoxicity	ISO 10993-5	
Allergenicity/Irritant	ISO 10993-10	



Machine model	Number of layouts (regular size)	1KG resin printable quantity	Printing time (100µm)	Printing time (50µm)
DJ89PLUS	11-12	≥ 300	45min	81min
D158/D160	6-7	≥ 265	31min	60min
D150	3-4	≥ 280	38min	74min

Try-in resin

Wear and use for a short period (1 month)



● A2 , customizable

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SPECIFICATIONS	PN-Try-in	
Hardness	ASTM D2240	D85-90
Flexural modulus	ASTM D790	1800-2500MPa
Flexural strength	ASTM D790	80-100MPa
Tensile modulus	ASTM D638	600-900MPa
Tensile strength	ASTM D638	55-65MPa
Elongation at break	ASTM D638	12-16%
Water absorption	ASTM D570	<1.0%
Cytotoxicity	ISO 10993-5	
Allergenicity/Irritant	ISO 10993-10	



Machine model	Number of layouts (regular size)	1KG resin printable quantity	Printing time (100µm)	Printing time (50µm)
DJ89PLUS	5-6	≥ 60	55min	75min
D158/D160	2-3	≥ 45	40min	70min
D150	2-3	≥ 45	40min	67min

Denture base resin

Can be worn for a long time (1 to 3 years)



● Red

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SPECIFICATIONS	PN-Denture	
Hardness	ASTM D2240	D85-90
Flexural modulus	ASTM D790	3000-4000Mpa
Flexural strength	ASTM D790	130-150Mpa
Tensile modulus	ASTM D638	1500-2000MPa
Tensile strength	ASTM D638	80-100MPa
Elongation at break	ASTM D638	25-30%
Water absorption	ASTM D570	<1.0%
In vitro cytotoxicity	ISO 10993-5	
Irritation	ISO 10993-23	
Skin sensitization	ISO 10993-10	
Pyrogen / systemic toxicity	ISO 10993-11	
Genotoxicity, carcinogenic and reproductive toxicity	ISO 10993-3	



Machine model	Number of layouts (regular size)	1KG resin printable quantity	Printing time (100µm)	Printing time (50µm)
DJ89PLUS	5-6	≥ 60	55min	75min

Water-washable dental resin

Water-washable

Dark wheat skin , customizable



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SPECIFICATIONS	PN-WM	
Hardness	ASTM D2240	D85-90
Flexural modulus	ASTM D790	1000-1500MPa
Flexural strength	ASTM D790	60-75MPa
Tensile modulus	ASTM D638	600-1000MPa
Tensile strength	ASTM D638	40-55MPa
Elongation at break	ASTM D638	10-15%
Heat deflection temperature	ASTM D648@66PSI	75-80 °C



Machine model	Number of layouts (regular size)	1KG resin printable quantity	Printing time (100µm)	Printing time (50µm)
DJ89PLUS	5-6	≥ 80	29min	44min
D158/D160	2-3	≥ 80	32min	61min
D150	2-3	≥ 80	30min	55min
D136	11-12	≥ 100	35min	62min

Gingiva resin

Excellent elasticity

Gingival red



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SPECIFICATIONS	PN-GM	
Hardness	ASTM D2240	A30-50
Tensile strength	ASTM D 412	8-15MPa
Elongation at break	ASTM D 412	300-400%
Tear strength	ASTM D 624	12-18kN/m



Machine model	Number of layouts (regular size)	1KG resin printable quantity	Printing time (100µm)	Printing time (50µm)
DJ89PLUS	29-30	≥ 1000	34min	59min
D158/D160	10-12	≥ 1100	30min	57min
D150	7-8	≥ 700	30min	57min
D136	40-42	≥ 1100	40min	71min