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NexxZr_®T

Translucent. High strength. Translucent.
High strength.

NexxZr_®T

NexxZr_{*}T is a dental zirconium oxide (3Y-TZP) with very high flexural strength (1270 MPa) and medium translucency (42%).

This combination enables a maximum variety of indications for the fabrication of monolithic and anatomically reduced single-tooth and bridge restorations. The soft material quality of the discs positively affects the lifetime of the milling tools and ensures effortless separation and post-processing. Thanks to these properties, NexxZrT provides an economic advantage for the users in the laboratory. The proven product properties of the material were honored several times with the Dental Advisor Award "Long-Term-Performer Esthetic Zirconia".

Technical data



Type 3Y-TZP



Flexural strength 1270 MPa



Translucency 42%



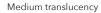
Indications Single-unit restorations up to multi-unit bridges



Processing techniques Infiltration technique Staining technique Cut-back technique Layering technique

Very high strength combined with medium translucency Maximum variety of indications







Esthetic results with maximum range of indications

Dental Advisor Award Product performance proven for years

Award-Winning Features:

Natural-Looking

Due to the high translucency, NexxZr T is natural-looking yet highly esthetic.

Strong

Virtually no wear was reported in a Dental Advisor long term (3-Years) study.

Source: © The Dental Advisor



3 Soft material quality of the discs High effectiveness and economic efficiency



Effortless separation and very good machinability



Optimized material properties for long service life of the milling tools



Excellent milling results and sharp edges

Sintering programs

	Number of units	Duration	Phase	Temperature	Heating / Cooling rate	Holding Time
		h		°C °F	°C/min. °F/min.	min.
Standard	1-5	~3.7	1	20-1300 68-2372	30 54	30
			2	1300-1530 2372-2786	40 72	60
			3	1530-900 2786-1652	15 27	-
			4	900-80 1652-176	20 36	-
	5-10	~ 5.2	1	20-1300 68-2372	30 54	60
			2	1300-1530 2372-2786	40 72	120
			3	1530-900 2786-1652	15 27	_
			4	900-80 1652-176	20 36	_
Long	1-20	~ 10.7	1	20-900 68-1652	10 18	10
			2	900-1530 1652-2786	3 5.4	150
			3	1530-80 2786-176	8 14.4	_
	>21	~ 11.7	1	20-900 68-1652	10 18	10
			2	900-1530 1652-2786	3 5.4	210
			3	1530-80 2786-176	8 14.4	_
Over night	unlimited	~ 14.3	1	20-250 68-482	2 3.6	-
			2	250-1530 482-2786	4 7.2	240
			3	1530-80 2786-176	8 14.4	-



For more detailed information, please refer to the NexxZr instructions for use.



Delivery forms

Geometries

Thicknesses

W-98, Z-95

10, 12, 14, 16, 18, 20, 22, 25, 30 mm

Colors

White, OM1, OM2, OM3, A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4

Manufacturer