



NexxZr.T

—
Translucent.
High strength.

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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, NexxZr T 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

Highlights

1 Very high strength combined with medium translucency Maximum variety of indications



1270 MPa
42% Translucency

Medium translucency



Esthetic results with maximum range of indications

2 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
				°C °F	°C/min. °F/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.



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Delivery forms

Geometries
W-98, Z-95

Thicknesses
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

Sagemax Bioceramics, Inc.
34210 9th Ave. South, Suite 118
Federal Way, WA 98003, USA
sagemax.com