

sagemax

NEXZr.S[®]



**STRONG.
WHITE.**



High opacity
for discolored stumps

High processing comfort
easy to mill

Flexibility in processing
for fixed and implant-supported
prosthetics

NexxZr S

strong. white.

NexxZr S is a dental zirconia (Y-TZP ZrO₂) with a very high flexural strength of 1370MPa. The simultaneously high opacity value is ideal for discolored stumps or hybrid restorations on titanium bases.

NexxZr S can be used as a framework material with brush or dipping infiltration. All-ceramic veneering is possible with the common all-ceramic systems (see CET value).

NexxZr S - a strong zirconia for fixed and implant-supported prosthetics.



W-98



D-98



Z-95

Translucency	<div style="width: 20px; height: 10px; background-color: blue;"></div>	<div style="width: 20px; height: 10px; background-color: white;"></div>	<div style="width: 20px; height: 10px; background-color: white;"></div>	<div style="width: 20px; height: 10px; background-color: white;"></div>
Flexural strength	<div style="width: 20px; height: 10px; background-color: blue;"></div>	<div style="width: 20px; height: 10px; background-color: blue;"></div>	<div style="width: 20px; height: 10px; background-color: blue;"></div>	<div style="width: 20px; height: 10px; background-color: blue;"></div>
Esthetics	<div style="width: 20px; height: 10px; background-color: blue;"></div>	<div style="width: 20px; height: 10px; background-color: white;"></div>	<div style="width: 20px; height: 10px; background-color: white;"></div>	<div style="width: 20px; height: 10px; background-color: white;"></div>

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Biaxial Flexural Strength [MPa] ¹	Translucency [1-CR]*100	Type / Class	Linear Thermal Expansion / CTE [10 ⁻⁶ K ⁻¹]	Colors	Fracture Toughness [MPa*m ^{1/2}] ¹
1370	30%	Type II class 5	10.1 ≤ CTE* ≤ 11.1 (*span 25 – 500°C)	white	≥ 5

¹ Typical values acc. to EN ISO 6872 (polished specimen)

² Preshaded discs show lower values

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