

ZIRLUX® NIGHTGUARD & SPLINT – RIGID

Strength Without Sacrificing Flexibility



1 Kg Bottle
(921-0036)



Zirlux® Nightguard & Splint Resin – Rigid is a 510K cleared printing resin that is indicated for the fabrication of rigid dental splints, nightguards, mouthguards, repositioners, and bleaching trays. This DLP-optimized resin is an exceptional printing material that combines the strength needed to protect teeth against disorders like bruxism with added flexibility for better patient comfort.

KEY FEATURES:

Rigid Material: Ideal for applications requiring structural firmness, such as hard splints and nightguards

High Strength: Resists deformation under stress, ensuring longevity

Durable: Abrasion resistant material maintains integrity over time

Biocompatible: FDA 510K cleared

Polishable: Achieves a smooth, glossy finish for patient comfort and esthetics

Increased Patient Acceptance: BPA, MMA & PHTHALATE FREE

Extensive Printer Validation: Designed for seamless compatibility with industry-leading 3D printers

Property	Procedure	Zirlux® Nightguard & Splint Resin – Rigid
Flexural Strength	ISO 20795-2	60-65 MPa
Flexural Modulus	ISO 20795-2	1510-1600 MPa
Water Sorption	ISO 20795-2	< 18 µg/mm ³
Elongation at Break	ASTM D638	9%
Biocompatibility	ISO 10993	Pass

Zirlux® 3D Print Resins



Explore the rest of
the Zirlux® 3D Print
Resins today

Discover why Zirlux® is *right for you.*
www.zirlux.com

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