



KeySplint Soft[®]

Utilizing unique technologies, Keystone Industries has developed a one-of-a-kind 3D printing resin for the fabrication of flexible, durable dental splints and nightguards. 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.

CHARACTERISTICS

- ✓ STRONG & FLEXIBLE, NOT BRITTLE
- ✓ BIOCOMPATIBLE
- ✓ TRANSLUCENT
- ✓ STATE OF THE ART TECHNOLOGY
- ✓ BPA, MMA & PHTHALATE FREE



BIOCOMPATIBLE



STRONG



FLEXIBLE



EASY TO POLISH



EASILY CLEANED

TINTED

#4200005 (0.5 kg bottle)

#4220005 (1 kg bottle)

CLEAR

#4200161 (0.5 kg bottle)

#4220161 (1 kg bottle)

PROPERTIES	METHOD	KEYSPLINT SOFT
Ultimate Flexural Strength	ISO 20795-2	2.6–4.4 MPa
Flexural Modulus	ASTM D790	1356 MPa
Tensile Strength	ASTM D638	52 MPa
Young's Modulus Tensile	ASTM D638	1790 MPa
Water Sorption	ISO 20795-2	< 18 µg/mm ³
Elongation at Break	ASTM D638	110%
Biocompatibility	ISO 10993-1	Pass



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