

NOW
AVAILABLE
INTERNATIONALLY!



KeySplint Soft® Pink

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.



BIOCOMPATIBLE



STRONG



FLEXIBLE



EASY TO
POLISH



EASILY CLEANED

PINK

#4220151 (1 kg bottle)

CHARACTERISTICS

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

PROPERTIES

Ultimate Flexural Strength

METHOD

ISO 20795-2

*KEYSPLINT SOFT

2.6 – 4.4 MPa

Flexural Strength

ASTM D790

44 – 47 MPa

Flexural Modulus

ASTM D790

1100 – 1400 MPa

Tensile Strength

ASTM D638

45 – 55 MPa

Young's Modulus

ASTM D638

1100 – 1500 MPa

Water Sorption

ISO 20795-2

< 18 µg/mm³

Elongation at Break

ASTM D638

100 – 120%

Biocompatibility

ISO 10993-1

Pass

*Typical Values



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