



# KeyGuard™

Introducing KeyGuard: Our precision dental resin produces custom-fit mouthguards for unbeatable comfort and protection!



**BIOCOMPATIBLE**



**STRONG**



**DURABLE**



**COMFORTABLE**

## FEATURES

- PRECISE FIT FOR ENHANCED COMFORT AND PERFORMANCE
- PROTECTION ONLY WHERE NEEDED WITH COMPLETE DESIGN FREEDOM
- OPTIMIZED COST EFFICIENCY
- SUPERIOR DURABILITY
- MORE SUSTAINABLE THAN TRADITIONAL METHODS



WHITE

#4220200 (1kg bottle)



BLACK

#4220201 (1kg bottle)



PURPLE

#4220202 (1kg bottle)



GREEN

#4220203 (1kg bottle)

PROPERTY	METHOD	KEYGUARD™
Tear Strength	ASTM D624-00	30 kN/m
Hardness	ASTM D2240-00, 25C @ 0 sec	75-90 A
Impact Strength	ISO 179-1	27.5 kJ/m2
Impact Resistance	ISO 179-1	220 j/m
Water Sorption	ASTM D570 @ 3hr	5.7%
Tensile Cyclic Hysteresis	Energy returned @ 25C Energy lost @ 25C	27% 73%
Elongation at break (strain)	ASTM D638	130%
Liquid Viscosity	Internal	900cP
Biocompatibility	ISO 10993-5, Cytotoxicity ISO 10993-10, Sensitization ISO 10993-23, Irritation	PASS



keystone<sup>®</sup>  
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