



# KeyGuard™

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

- 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



**BIOCOMPATIBLE**



**STRONG**



**DURABLE**



**COMFORTABLE**



#4220200 (1kg bottle)



#4220201 (1kg bottle)



#4220202 (1kg bottle)



#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/m <sup>2</sup> |
| Impact Resistance            | ISO 179-1  | 220 J/m                |
| Water Sorption               | ASTM D570 @ 3hr  | 5.7%                   |
| Tensile Cyclic Hysteresis    | Energy returned @ 25C<br>Energy lost @ 25C   | 27%<br>73%             |
| Elongation at break (strain) | ASTM D638  | 130%                   |
| Liquid Viscosity             | Internal   | 900cP                  |
| Biocompatibility             | ISO 10993-5, Cytotoxicity<br>ISO 10993-10, Sensitization<br>ISO 10993-23, Irritation | PASS                   |



Authorized Distributor



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