

# KeyCast<sup>®</sup>

KeyCast's low shrinkage formula controls thermal expansion to yield porous-free and accurate castings. KeyCast is compatible with rapid burnout and gradual temperature ramp workflows, with no residual ash. It is used with chrome, cobalt, gold, and silver.



**ACCURATE**



**LOW SHRINKAGE**



**ASH-FREE BURNOUT**

#4200000 (0.5kg bottle)

#4220000 (1kg bottle)

PROPERTY	PROCEDURE	KEYCAST
Flexural Strength	ASTM D790	15
Flexural Modulus	ASTM D790	340
Tensile Strength	ASTM D638	9.1
Tensile Young's Modulus	ASTM D638	220
Elongation at Break (%)	ASTM D638	16%
CTE 0-150 °C (32-302 °F)	ASTM E831	168 x 10 <sup>-6</sup> m/(m. °C)
CTE 150-250 °C (302-482 °F)	ASTM E831	64 x 10 <sup>-6</sup> m/(m. °C)
CTE >250 °C (>482 °F)	ASTM E831	<0m/(m. °C)
Shrinkage	ASTM D792	<2%
Burnout		<0.05%

keystone<sup>®</sup>  
industries

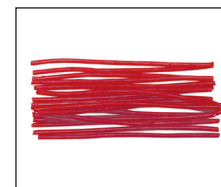
## PAIRS PERFECTLY WITH:



KeyVest™



Casting Rings



Sprue Wax



Microtorch



Green Flexiboles



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