

JCAST-GRN 10

Jewellery Castable

Optimised for clean and easy burnout of finely detailed, high resolution metal patterns



Applications

- Production master patterns for gypsum investment casting of:
 - A wide range of jewellery pieces
 - Rings
 - Brooches
 - Bracelets
- Suitable for a range of precious metals
- Highly detailed models for design validation, customer samples, etc.



Physical Properties

Colour	Green
Type	Wax

Liquid Material

Solid Density (@ 25°C)	1.18g/cm ³
Layer Thickness (mm)	0.02

Mechanical Properties

		TEST/ISO
Tensile Strength (MPa)	13.7	ASTM D638
Tensile Modulus (MPa)	262	
Elongation Break (%)	12	
Coefficient of Thermal Expansion (CTE) (ppm/°C) >T _g	143	ASTM E831
Hardness, Shore	68D	ASTM D2240
Water Absorption (%)	1.3	ASTM D570

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Web: www.laserproto.com

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Please be advised that all information provided in this document is representative of typical properties and as advised by the material manufacturer. Performance characteristics of these products may vary according to product application, operating conditions or with end use.

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