

TECH DATA SEET

ECO OTT.82/18MICROP

GENERAL INFORMATION

Carats: NONE - to be used without gold
Color: yellow color coordinates: L*=86.5 a*=2.2 b*=18.1
Advised use: casting

CASTING	closed systems	<input checked="" type="checkbox"/>	open systems	<input checked="" type="checkbox"/>	pre-set stones	<input checked="" type="checkbox"/>
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Density: 8,34 g/cm³
Hardness: 153 HV

DIRECTIONS FOR SUGGESTED USE

Melting temperature: 920° C

Casting temperature:

100° C over its melting temperature to cast with centrifugal machines.

140° C over its melting temperature to cast in outdoor cylinders with vacuum.

120° C over its melting temperature to cast in vacuum machines with controlled atmosphere.

Cylinders temperature: from 550° C to 650° C depending on the machine and objects dimensions.

Cooling casted objects: in water after 10 minutes.

Annealing: 620° C for 20 minutes followed by a quick cooling in hot water (40° C min.)

Hardening: 300° C for 180 minutes