

OTT.75/25MICROL

GENERAL INFORMATION

Carats: NONE - to be used without gold
 Colour: yellow
 colour coordinates: L*=88.9 a*=1.5 b*=19.0
 Advised use: casting

CASTING	closed systems	■	open systems	■	pre-set stones	■
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Density: 8,27 g/cm³
 Hardness (as cast): 160 HV

DIRECTIONS FOR SUGGESTED USE

Melting temperature: liquidus 920°C - Solidus 855°C

Casting temperature:
 100 °C over its melting temperature to cast with centrifugal machines and vacuum machines with controlled atmosphere.
 140 °C over its melting temperature to cast in outdoor cylinders with vacuum.

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

Cooling casted objects: in water after 5/10 minutes.
 Cooling casted objects (with stones): in water after 30/40 minutes.

Tensile strength (Rm) 650 MPa
 Yield strength (Rp 0.2) 525 MPa
 Elongation at break 20%

The above directions are only indicative. Strong variations to the above data are possible, depending on personal experience. Please, do not hesitate to contact us for further information.
 Tech Chart and Safety Data Sheet available on our website www.pandoralloys.com.