

## Technical data sheet

# MAGNUM HYPERONE

## CE 0123

Titanium based dental alloy for milling, type 4\*

## Percentage chemical composition (m/m)

Ti	90
Al	6
V	4
Others -	Fe

## Physical and mechanical properties

Density	4.426 g/cm <sup>3</sup>
Solidus-liquidus temperature	1605-1660°C
Melting point	1710°C
Yield load strength (Rp 0.2)	880 MPa
Percentage elongation at fracture	14%
Modulus of elasticity	114 GPa
Vickers hardness	312 HV10
Colour	White

## Biological evaluation tests

Cytotoxicity test according to to ISO 10993-5	Passed
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