

Fertifikat

PRODUCT NAME:

Tener 350[®]

DESCRIPTION:

Non-precious-model cast alloy on cobalt-base, Type 5, suitable for laser

DIMENSIONS:

Ø 8 mm x 15 mm

LOT / CHARGE-NO.:

S 13-172

CE
0434

CHEMICAL COMPOSITION:

Co %	Cr %	Mo %	W %	Mn %	Si %	C %
61,41	29,90	5,86	0,74	0,68	0,50	0,220
Fe %	Sonstige Elemente %					
0,61	< 0,1					

NOTES REGARDING THE CHEMICAL COMPOSITION:

Determination, volume and validity of the chemical composition according to EN 10 204 – 3.1

TYPICAL Technical Data:

After casting:

Yield strength 0,2%:

> 500 MPa

Elongation:

> 2 %

Tensile strength:

800 MPa

Young's module:

> 150 GPa

Density:

8,3 g/cm³

Corrosion resistance:

< 200

Melting Point (Solidus/Liquidus):

1380 °C / 1420 °C

Value of Extension (25 – 500°C):

not relevant

Casting temperature:

1520 °C

Hardness:

> 450 HV 10/30

Max. firing temperature:

not relevant

Storage conditions:

no

Ceramic:

not relevant

After ceramic firing:

Yield strength 0,2%:

not relevant

Elongation:

not relevant

Tensile strength:

not relevant

Young's module:

not relevant

NORM:

DIN EN ISO 22674:2006

ED GmbH is certified according to

DIN EN ISO 13485 / DIN EN ISO 9001:2008

with appendix V MP-recommendation 93/42/EWG

Manufacturer:

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