

NAME OF PRODUCT: **Keragen[®]**

DESCRIPTION: Non-precious-dental cast alloy for ceramics on cobalt-base, Type 4

MEASURE: Ø 8 mm x 15 mm

LOT / BATCH.NO.: P 12-577

CE
0434

CHEMICAL COMPOSITION:

Co %	Cr %	W %	Si %	Fe %	Mn %	C %
~ 61	27,76	8,96	1,60	0,14	0,25	0,02

REMARKS REGARDING THE CHEMICAL COMPOSITION:

DETERMINATION, EXTENT AND VALIDITY OF THE CHEMICAL COMPOSITION according to EN 10 204 – 3.1

TYPICAL TECHNICAL DATA:

Yield strength 0,2 %*:	>360 MPa
Elongation*:	14,61 %
Tensile Strength:	447 MPa
Density:	8,3 g/cm³
Youngs modulus*:	
Melting Point (Solidus/Liquidus)*:	1390 °C / 1415 °C
Value of Extension (25 – 500 °C)*:	~14,5 x10⁻⁶K⁻¹
Casting temperature:	1515 °C
Hardness*:	~ 320 HV 10
Burning temperature:	ca. 980 °C

*Excel-List Tess MP

NORM: **DIN EN ISO 22674:2006**
ED GmbH is certified according to
DIN EN ISO 13485:2003 / DIN EN ISO 9001:2008
with appendix V MP-recommendation 93/42/EWG