

NAME OF PRODUCT: **Kera[®]NH**

DESCRIPTION: Non-precious-dental cast alloy for ceramics on nickel base, Type 3, hard

MEASURE: Ø 8 mm x 15 mm

LOT / BATCH.NO.: H 12-60



CHEMICAL COMPOSITION:

Ni %	Cr %	Mo %	Si %	Mn %	C %
~ 58	27,20	12,81	1,67	0,01	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%*:	342 MPa
Elongation*:	> 5 %
Tensile strength*:	548 MPa
Density*:	8,2 g/cm³
E-Modul (not relevant for type 3):	_____
Melting Point (Solidus/Liquidus)*:	1310 – 1330 °C
Value of Extension (25 – 500 °C)*:	~14,1 x10⁻⁶K⁻¹
Casting temperature:	1430 °C
Hardness:	~ 285 HV 10
Burning temperature:	ca. 980 °C

*Excel-List Test 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

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