

QuCoCr

(W.-Nr.: 2.1211)

1. General description

The laser welding wire CoCr is an alloy according to DIN EN ISO 6871-1 "dental cast alloy free of precious metals, Part 1 : Cobalt-based-alloys" in wire form.

The alloy is used in dentists' labs to assist in the welding of dental prostheses made of cobalt-chrom-based-alloys.

2. Chemical components and material properties

The Chemical components and material properties of the laser welding wires CoCr, are according to DIN EN ISO 6871-1 "dental cast alloy free of precious metals, Part 1: Cobalt-based-alloys"

Material analysis

Co	Cr	Mo	Mn	Si	C	Fe
Rest	27	5,3	<0,8	<0,4	< 0,15	< 0,2

(test certificates upon request.)

3. Specified normal usage

Specified normal usage as a laser welding additive for dental work.

4. Classification of the product

Custom-made products manufactured from dental alloys and laser welding wires CoCr are invasive products intended for long-term application to the roof of the mouth and throat. [Medical product-directives 93/42/EWG, appendix IX, rule 5].

Classification: class IIa

Following standard:

Form of delivery

Ø 0,25 x 2.000 mm

Ø 0,35 x 2.000 mm

Ø 0,40 x 2.000 mm

Ø 0,50 x 2.000 mm

All Ø on bobbins

Other Ø upon enquiry

The reported values were determined by the manufacturer and / or by a neutral Laboratory determined. For the accuracy we can not guarantee)