

QuCoCr

(According to DIN EN ISO 22674)

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-chrome-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:

Spool: 2 meters

Ø: 0,25 / 0,35 / 0,50 mm

The reported values were determined by the manufacturer and / or by a neutral Laboratory. We cannot guarantee for the accuracy.