



DECLARATION OF LASER PROCESSED PROPERTIES

Inspection certificate in accordance with EN 10204, type 3.1.

Powder grade: EOS CobaltChrome SP2 (EOS art.-no.: 9011-0018)

Manufacturer: Electro Optical Systems Finland Oy
Lemminkäisenkatu 36
FIN - 20520 Turku
FINLAND

Supplier: EOS GmbH
Robert-Stirling-Ring 1
D - 82152 Krailling
GERMANY

Date: 2013-02-26

Lot number: H061301


Quantity: 1500 kg

Following properties have been determined on laser processed EOS CobaltChrome SP2 material lot H061301 when processed in EOSINT M270 Standard installation mode machine of EOS Finland.

Properties of laser processed EOS CobaltChrome SP2 material after stress relieving, oxide and ceramic firing heat treatments, applied in accordance with the Instructions for Use (document dated 20110318):

Laser processed density:	8.7 g/cm ³
Proof strength (R _{p0.2%}):	875 MPa
Ultimate tensile strength:	1330 MPa
Percentage elongation after fracture:	6 %
Coefficient of thermal expansion (25-500 °C):	14.3 × 10E-6 m/mK

Approved by

 26.02.2013
Toni Kosunen
Quality Engineer
Electro Optical Systems Finland Oy
EOS Finland