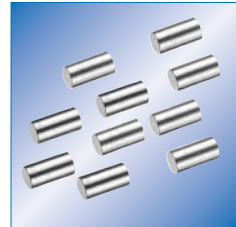


Infogramm®

remanium® GM 380+

Characteristics

remanium® GM 380+ is a spring hard CoCrMo metal denture alloy. An advanced development of the classic type GM 380.

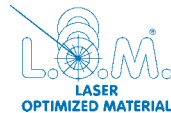


Indications

Universal uses:
 – The entire field of metal dentures
 – In combination techniques

Product advantages

– Mirror effect
 – Reduced surface hardness, therefore easier to polish, subsequently higher lustre
 – Optimal laser welding characteristics due to reduced carbon content



– Flexible due to high fracture elongation value
 – Biocompatible:
 – Nickel free
 – Beryllium free
 – No questionable elements such as indium or gallium
 – Highly resistant to corrosion

Composition:
Percentages in mass

Co	Cr	Mo
64.6	29.0	4.5

Additional elements under 1 %: Si, N, Mn, C

Technical Data:
according to
EN ISO 6871-1

Limit of expansion $R_{p0,2}$ (MPa)	640
Tensile strength R_m (MPa)	900
Modulus of elasticity E (GPa)	220
Hardness (HV ₁₀)	360
Fracture elongation A ₅ (%)	6.5
Solidus T _s (°C/°F)	1300/2372
Liquidus T _l (°C/°F)	1370/2498
Density g/cm ³	8.2
Elasticity	spring hard
Activation	+++
Melting	+++
Mirror effect	yes
Finishing and polishing	+++
Laser welding	+++
Soldering with CoCr-Solder	++
Order No. 102-306-00	
Investment material	rema® dynamic top speed rema® dynamic rema® Exakt

+++ = excellent, ++ = very good

Certification mark/
Quality certificate/
Patents:

CE 0483
Medical Device Services Gilching

Sales units

1000 g Order No. 102-001-10

Date of
information

07/04

