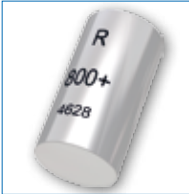
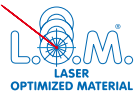




Infogramm®

Characteristics	<p>remanium® GM 800+ is a CoCrMo metal denture alloy with a high resistance to fracture due to excellent mechanical characteristics</p>	
Indications	<p>Universal uses:</p> <ul style="list-style-type: none">■ the entire field of metal dentures■ in combination techniques	
Product advantages	<ul style="list-style-type: none">■ mirror effect: the correct casting time can be easily recognised preventing overheating of the molten material, therefore producing smooth and clean castings which are easy to polish for surfaces which shine to a high lustre■ the reduced surface hardness also makes the metal easier to polish■ a high modulus of elasticity enables a detailed but strong framework construction■ optimal laser welding characteristics due to reduced carbon content  <ul style="list-style-type: none">■ biocompatible:<ul style="list-style-type: none">- nickel free- beryllium free- iron free- no questionable elements such as indium or gallium- highly resistant to corrosion	

Composition by mass	Co	Cr	Mo	Si
	63.3	30.0	5.0	1.0
Additional elements less than 1 %: N, Mn, C, W				
Technical Data: according to ISO 22674	Yield strength R _{p 0,2} (MPa)		720	(Type 5)
	Tensile strength R _m (MPa)		960	
	Modulus of elasticity E (GPa)		230	
	Hardness (HV ₁₀)		370	
	Fracture elongation A ₅ (%)		6.0	
	Solidus T _s (°C)		1240	
	Liquidus T _l (°C)		1410	
	Density g/cm³		8.2	
	Elasticity		super spring hard	
	Activation		+++	
	Melting		+++	
	Mirror effect		yes	
	Finishing and polishing		+++	
	Laser welding		+++	
	Soldering with CoCr-Solder REF 102-306-00		++	
	Investment material		rema® dynamic S rema® Exakt F, rema® Exakt	
	+++ = excellent, ++ = very good			
Certification mark/ Patents:	CE 0483			
Sales units	REF 102-200-10		1000 g	

Date of information: 05/12

Our application Customer Support is available to answer all your questions at the following number:
Phone +49 72 31/803-410.

