



★ STARBOND CO

CoCr partial denture alloy (bondable) for sophisticated combined restorations and gracile clasp design.

- › Free of nickel, beryllium, lead and cadmium
- › Type 5 pursuant to DIN EN ISO 22674
- › Excellent degree of purity
- › Biocompatible and extremely corrosion resistant
- › High wearing comfort due to low thermal conductivity
- › Spring hard
- › Composition:
Co: 62% Cr: 30% Mo: 5,5% Si: 1% C,Fe Mn:<1%

ADVANTAGES FOR DENTAL TECHNICIANS:

- › Universally applicable for clasp-retained prostheses, combined techniques and ceramic restorations
- › Excellent for casting of 3D printed plastic parts
- › System-free working due to very good alloy properties
- › Pleasant polishing properties and easy finishing
- › Optimal conditions for laser welding
- › Application flexibility and easy melting, no sparking

TECHNICAL PROPERTIES:

Proof stress (Rp 0.2)	500MPa
Ultimate tensile strength	760MPa
Elongation	6%
Elastic modulus	250GPa
Vickers hardness	380 HV 10
Density	8,1g/cm ³
Melting range	1200 - 1385°C
Preheating temperature	850 - 950°C
Casting temperature	1485 - 1540°C
CTE (20-600°C)	14,9 x 10 ⁻⁶ K ⁻¹
Laser weldable	Yes
Type (DIN EN ISO 22674)	5

QUANTITY	REF
1000g	132000