

CoCrMo Alloy Powder

It is a CoCrMo alloy powder for dental laser selective zone melting, dedicated to the printing of denture frameworks. This product does not contain harmful elements such as nickel, cadmium, beryllium, and lead. The formed restorations feature good biocompatibility, high tensile strength, corrosion resistance, moderate hardness.



Applications:

Denture frameworks

Sample Display:



Finished Product's Features:

- Good Biocompatibility
- High Strength
- Corrosion Resistance
- No Harmful Elements

Main Chemical Composition:

Main Elements (wt%)				
Co	Cr	Mo	Si	Fe
Bal.	25.5-29.5	5-7	< 0.1	< 0.5
C	O			
< 0.1	< 0.1			

Basic Parameters:

Apparent Density	Tap Density	Hall flow rate
>4.0g/cm ³	>4.5g/cm ³	<22s/50g

Particle Size Distribution:

D10	D50	D90
15-19μm	28-35μm	50-58μm