

CoCrMoW Alloy Powder

It is a CoCrMoW alloy powder for dental laser selective zone melting, dedicated to the fabrication of additively manufactured porcelain teeth. The formed restorations features corrosion resistance, good biocompatibility, excellent mechanical property, wear resistance and heat resistance.



Applications:

Crowns, bridges, restorations, etc

Sample Display:



Finished Product's Features:

- Wear Resistance
- High Sphericity
- Low Oxygen Content and Impurities
- High Liquidity
- Good Biocompatibility
- Corrosion Resistance
- Heat Resistance

Main Chemical Composition:

Main Elements (wt%)				
Co	Cr	Mo	W	Si
Bal.	24.5-28.5	4-6	4-6	< 1.0
C	O			
< 0.10	< 0.10			

Basic Parameters:

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

Particle Size Distribution:

D10	D50	D90
15-19µm	28-35µm	50-58µm