Datasheet

TMP706

June 2020

Alloy	Co	Cr	Mo	C	Others
TMP706	Balance	31	4	1.2	Ni, Fe, Si
Chemical Name:	Cobalt-Chromium-Molybdenum-Carbon				
Powder Morphology:	Gas Atomized				
Particles Sizes Available:	-150/+53, and others upon request				
Typical Hardness:	39-44 HRC				

Application:

- Valve seats and gates
- Pump shafts and bearings
- Seal rings
- Other erosion and abrasion wear applications

Process:

- PTA (Plasma Transferred Arc)
- HVOF (High-Velocity Oxy-Fuel Spray)
- Laser Cladding

Hazards:

Observe safe spraying practices.

See TMetal material safety data sheet for details.

Standard Sizes & Packaging:

Particle Size	Packaging
-150/+53 microns	5kg/ bottle

And others upon request

Product Overview

TMP706 is a high-performance cobalt-based material uses molybdenum and chrome as major alloying elements. This combination makes it ideal for combating extreme corrosive and wear problems. Parts made with TMP706 are served in aerospace, petrochemical and oil and gas industries.

Contact: tmetal.com/contact