

TMP01

June 2020



Alloy	Co	Cr	W	C	Others
TMP01	Balance	30	12	2.4	Si, Fe, Mo, Ni, Mn
Chemical Name:	Cobalt-Chromium-Tungsten-Carbon				
Powder Morphology:	Gas Atomized				
Particles Sizes Available:	-150/+53, and others upon request				
Typical Hardness:	50-56 HRC				

Application:

- Valve seats
- Cutting blades
- Seal rings
- Other erosion and abrasion wear applications

Process:

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

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:

TMP01 is a tungsten carbide-cobalt-chrome powder specifically designed for PTA and HVOF systems. It produces strong corrosion and abrasion resistant coatings and maintains hardness at temperatures up to 1112° F (600° C). TMP01 has proven to be ideal for extreme erosive and abrasive environments.

Contact: tmetal.com/contact