

TMP01

Aug 2025



Alloy	Co	Cr	W	C	Others
TMP01	Balance	30	12.5	2.4	Si, Fe, Mo, Ni, Mn
Powder Type:	Gas Atomized				
Particles Sizes Available:	-53/+10µm, -45/+10µm, and others upon request				
Typical Hardness:	50-56 HRC				
Apparent Density:	4.98g/cm ³				
Flow Rate:	13.8s/50g				

Application:

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

Process:

- HVOF (High-Velocity Oxy-Fuel Spray)

Hazards:

Observe safe practices.

See TMetal material safety data sheet for details.

Standard Sizes & Packaging:**Particle Size**

-53/+10µm,
-45/+10µm

And others upon request

Packaging

5kg/ bottle

Product Overview

TMP01 is a tungsten carbide-cobalt-chrome powder. 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.

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