

TMP06

Aug 2025



Alloy	Co	Cr	W	C	Others
TMP06	Balance	30	4.5	1.2	Si, Fe, Mo, Ni, Mn
Powder Type:	Gas Atomized				
Particles Sizes Available:	-53/+10µm, -45/+10µm, and others upon request				
Typical Hardness:	38-44 HRC				
Apparent Density:	4.59g/cm ³				
Flow Rate:	15s/50g				

Application:

- Valve seats and gates
- Turbo engine blades
- Pump shafts and bearings
- 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

TMP06 is a tungsten carbide-cobalt-chrome powder. TMP06 is the most popular alloy and regarded as the industry standard for general-purposes wear resistance applications. It produces tougher corrosion and abrasion resistant coatings over an intensive temperature range while retain reasonable properties.

Contact: tmetal.com/contact



Toronto Canada

contact@tmetal.com | 45A West Wilmot Street, Richmond Hill, ON, L4B 2P3, Canada