

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/+15µm, -106/+45µm, 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:

- 3D Printing

Hazards:

Observe safe practices.

See TMetal material safety data sheet for details.

Standard Sizes & Packaging:**Particle Size**

-53/+15µm,
-106/+45µm

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.

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