

TMPK120

Aug 2025



Alloy	WC	Co	Cr	Others
TMPK120	86	10	4	-
Powder Type:	Gas Atomized			
Particles Sizes Available:	-53/+10µm, -45/+10µm, and others upon request			
Typical Hardness:	70 HRC			
Apparent Density:	5.01g/cm ³			
Flow Rate:	12.6s/50g			

Application:

- Fan blades
- Compressor shafts
- Ball and gate valves
- 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

TMPK120 is a tungsten carbide-cobalt-chrome powder and can be applied by using HVOF spray. It is particularly suitable when both wear and corrosion resistance is required. TMP3120 produces excellent wear and corrosion resistance coatings that can be ground to surface finishes like chromium plating. Thus, TMP3120 is an excellent alternative to hard chromium plating.

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