

# TMP190

June 2020



Alloy	Co	Cr	W	C	Others
TMP190	Balance	26	14	3.4	Si, Fe, Mo, Ni, Mn
<b>Chemical Name:</b>	Cobalt-Chromium-Tungsten-Carbon				
<b>Powder Morphology:</b>	Gas Atomized				
<b>Particles Sizes Available:</b>	-150/+53, -45/+15 and others upon request				
<b>Typical Hardness:</b>	57-63 HRC				

**Application:**

- Oil drilling head
- Other oil & gas industries

**Process:**

- PTA (Plasma Transferred Arc)
- 3D Printing

**Hazards:**

Observe safe spraying practices.  
See Tormetal material safety data sheet for details.

**Standard Sizes & Packaging:**

<b>Particle Size</b>	<b>Packaging</b>
-150/+53 microns	5kg/ bottle
-45/+15 microns	

And others upon request

**Product Overview**

**TMP190** is a tungsten carbide-cobalt-chrome powder primarily used in oil and gas industries. It produces strong corrosion and abrasion resistant coatings whilst maintains its hardness at high temperature.

**Contact:** [tmetal.com/contact](https://tmetal.com/contact)