

TMP12-AM

June 2021



| Alloy | Co | Cr | W | C | Others |
|-----------------------------------|----------------------------------|-------|---------|---------|--------------------|
| TMP12-AM | Balance | 26-32 | 6.5-9.5 | 1.2-1.7 | Si, Fe, Mo, Ni, Mn |
| Powder Morphology: | Gas Atomized | | | | |
| Particles Sizes Available: | 15-45µm, and others upon request | | | | |
| Typical Hardness: | 45-50 HRC | | | | |
| Apparent Density: | 4.75g/cm ³ | | | | |
| Flow Rate: | 14.1s/50g | | | | |

Application:

- Saw tips
- Cutting blades
- Extrusion screws
- Other erosion and abrasion wear applications

Process:

- Additive Manufacturing

Hazards:

Observe safe practices.
See TMetal material safety data sheet for details.

Standard Sizes & Packaging:

| | |
|---------------------------------|---------------------------------|
| Particle Size 15-45µm | Packaging 5kg/ bottle |
| And others upon request | |

Product Overview

TMP12-AM is a tungsten carbide-cobalt-chrome powder and can be processed through 3D-Printing systems. It is ideal for use in textile, lumber and plastics industries.

Contact: tmetal.com/contact