

TMP21-AM

June 2021



Alloy	Co	Cr	Ni	Mo	Others
TMP21-AM	Balance	25-30	3.0	4.5-7.0	Si, Fe, C, Mn
Powder Morphology:	Gas Atomized				
Particles Sizes Available:	15-45µm, and others upon request				
Typical Hardness:	20-30 HRC				
Apparent Density:	4.81g/cm ³				
Flow Rate:	14.8s/50g				

Application:

- Ball and gate valves
- Valve seats
- Seal rings
- 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	Packaging
15-45µm	5kg/ bottle

And others upon request

Product Overview

TMP21-AM consists of CoCrMo alloy matrix with solid solution strength. TMP21-AM can retain its properties at high temperatures and is known as its excellent cavitation, galling and metal-to-metal sliding wear resistance.

Contact: tmetal.com/contact