

TMP706-AM

June 2021



Alloy	Co	Cr	Mo	Ni	Fe	Others
TMP706-AM	Balance	29	5	3	3	Si, Mn, C
Powder Morphology:	Gas Atomized					
Particles Sizes Available:	15-45 µm, and others upon request					
Density:	4.75 g/cm ³					
Hardness:	42 HRC					

Application:

- Valve seats, slides, and gates
- Impellers, wear rings, extrusion and injection screws and barrels
- Other high wear, high corrosion, and high-heat environments

Manufacturing Process:

- Additive Manufacturing

Hazards:

Observe safe practices.

See TMetal material safety data sheet for details.

Packaging:

5kg/ bottle, others upon request

Product Overview

In addition to its extremely high corrosion resistance in reducing environments, TMP706-AM has significantly improved wear characteristics by substituting molybdenum for tungsten. It exhibits excellent abrasion and wear resistance at high temperatures.

Contact: tmetal.com/contact