

# TMP625-AM

June 2021



Alloy	Ni	Cr	Mo	Nb	Fe	Others
TMP625-AM	Balance	20-23	8-10	3.15-4.15	≤5	Fe, Co, Si, Mn
<b>Powder Morphology:</b>	Gas Atomized					
<b>Particles Sizes Available:</b>	15-45 μm, and others upon request					
<b>Particle Size Distribution:</b>	D10		D50		D90	
	18.2μm		32.6μm		51.5 μm	
<b>Apparent Density:</b>	4.6g/cm <sup>3</sup>					
<b>Tap Density:</b>	5.19g/cm <sup>3</sup>					
<b>Flow Rate:</b>	15s/50g					

### Application:

- Aerospace turbines
- Petrochemical sectors
- Nuclear reactors

### Manufacturing Process:

- Additive Manufacturing

### Hazards:

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

### Packaging:

5kg/ bottle, others upon request

### Product Overview

**TMP625-AM** is a nickel-based supper alloy with high temperature resistance and high strength. It exhibits remarkable corrosion and oxidation resistance. General applications include its uses in aviation turbines, petrochemical industry, and many other fields.

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