

# TMP17-4PH-AM

June 2021



| Alloy                              | Fe                                | Cr      | Ni     | Cu  | Others              |
|------------------------------------|-----------------------------------|---------|--------|-----|---------------------|
| TMP17-4PH-AM                       | Balance                           | 15-17.5 | 3-5    | 3-5 | Mn, Si, Nb, P, S, C |
| <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                 |
|                                    | 21.4µm                            |         | 32.0µm |     | 47.8µm              |
| <b>Apparent Density:</b>           | 4.12g/cm <sup>3</sup>             |         |        |     |                     |
| <b>Tap Density:</b>                | 4.72g/cm <sup>3</sup>             |         |        |     |                     |
| <b>Flow Rate:</b>                  | 18s/50g                           |         |        |     |                     |

### Application:

- Aerospace
- Petrochemical refining
- Chemical processing
- Surgical parts

### Manufacturing Process:

- Additive Manufacturing

### Hazards:

Observe safe practices.

See TMetal material safety data sheet for details.

### Packaging:

5kg/ bottle, others upon request

### Product Overview

**TMP17-4PH-AM** fulfills the demands for corrosion resistance and high strength. It is commonly used in a wide range of applications, such as aerospace, petrochemical refining, chemical processing, and surgical parts.

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