

TMPF 174PH

Aug 2025



Alloy	Fe	Cr	Ni	C	Others
TMPF 174PH	Balance	16.5	4	0.013	Si, Cu, Nb
Powder Type:	Gas Atomized				
Particles Sizes Available:	-53/+10µm, -45/+10µm, and others upon request				
Typical Hardness:	-				
Apparent Density:	7.78g/cm ³				
Flow Rate:	-				

Application:

- MIM (Metal injection molding)
- Aerospace applications
- Oil and petrochemical equipment
- Chemical processing components
- Gas turbines
- Pump shafts

Process:

- HVOF (High-Velocity Oxy-Fuel Spray)

Hazards:

Observe safe practices.

See TMetal material safety data sheet for details.

Standard Sizes & Packaging:**Particle Size**

-53/+10µm,

-45/+10µm

And others upon request

Packaging

5kg/ bottle

Product Overview

TMPF 174PH stainless steel powder has remarkable combination of superior properties that offers the highest degree of corrosion protection. Its good strength, hardness, and corrosion resistance make the material long-lasting and reliable. TMPF 174PH is ideal for a variety of applications such as aerospace parts, oil and petrochemical equipment, and chemical processing components.

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