

TMPF 316L

Aug 2025



Alloy	Fe	Cr	Ni	C	Others
TMPF 316L	Balance	18	13	0.02	Si, O, N, Mo
Powder Type:	Gas Atomized				
Particles Sizes Available:	-53/+10µm, -45/+10µm, and others upon request				
Typical Hardness:	-				
Apparent Density:	2.69g/cm ³				
Flow Rate:	33s/50g				

Application:

- MIM (Metal injection molding)
- Chemical filtration
- Lock parts
- Small gears, cams, and connectors

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 316L stainless steel powder offers the highest degree of corrosion protection. It maintains good strength and toughness at high temperatures. TMPF 316L is extensively used in metal injection molding, powder metallurgy, sintering, 3D printing, filtration, and P/M stainless steel parts including small gears, cams, and connectors.

Contact: tmetal.com/contact



Toronto Canada

contact@tmetal.com | 45A West Wilmot Street, Richmond Hill, ON, L4B 2P3, Canada