

TMPN40

June 2020



Alloy	Ni	Cr	Si	Others
TMPN40	Balance	7.5	3.5	B, C, Fe, Mo
Chemical Name:	Nickel- Chromium- Silicon			
Powder Morphology:	Gas Atomized			
Particles Sizes Available:	-100/+50, and others upon request			
Typical Hardness:	38-42 HRC			

Application:

- Oil Excursion Screws
- Valve components
- Centrifuges
- Liner

Process:

- PTA (Plasma Transferred Arc)
- HVOF (High-Velocity Oxy-Fuel Spray)
- Laser Cladding

Hazards:

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

Standard Sizes & Packaging:

Particle Size	Packaging
-100/+50 microns	5kg/ bottle
And others upon request	

Product Overview

TMPN40 is a Nickel- Chromium- Silicon powder that can be processed by PTA, HVOF and Laser cladding systems. TMP140 produces smooth surface that resist to wear, corrosion, oxidation and galling. It is designed for a wide variety of applications including oil excursion screws, bushings, liner, centrifuges and valve components.

Contact: tmetal.com/contact