

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, -45/+15 and others upon request			
Typical Hardness:	38-42 HRC			

Application:	Process:
<ul style="list-style-type: none"> ▪ Oil Excursion Screws ▪ Valve components ▪ Centrifuges ▪ Liner 	<ul style="list-style-type: none"> ▪ PTA (Plasma Transferred Arc) ▪ HVOF (High-Velocity Oxy-Fuel Spray) ▪ Laser Cladding ▪ 3D Printing

Hazards:	Standard Sizes & Packaging:	
<p>Observe safe spraying practices.</p> <p>See Tormetal material safety data sheet for details.</p>	<p>Particle Size</p> <p>-100/+50 microns</p> <p>-45/+15 microns</p> <p>And others upon request</p>	<p>Packaging</p> <p>5kg/ bottle</p>

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.

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