

TMPN60

Aug 2025



Alloy	Ni	Si	Cr	Others
TMPN60	Balance	4	16	B, C, Fe
Powder Type:	Gas Atomized			
Particles Sizes Available:	-150/+45µm, -180/+53µm, and others upon request			
Typical Hardness:	56-61 HRC			
Apparent Density:	4.21 g/cm ³			
Flow Rate:	16.4 sec/50g			

Application:

- Oil Excursion Screws
- Valve components
- Centrifuges
- Liner

Process:

- PTA (Plasma Transferred Arc)
- Laser Cladding

Hazards:

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

Standard Sizes & Packaging:

Particle Size	Packaging
-150/+45µm, -180/+53µm	5kg/ bottle
And others upon request	

Product Overview

TMPN60 offers good fusing characteristics and produces smooth coatings that is highly resistant to corrosion and abrasion. It can also be used when protection on small or flat areas is required. TMPN60 is ideal for a wide range of applications including pump plungers, seal rings, oil extrusion screws as well as other machine parts.

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