Datasheet

TMPN625

June 2020

Alloy	Ni	Cr	Mo	Others
TMPN625	Balance	22	9	Nb, C, Fe
Chemical Name:	Nickel- Chromium- Molybdenum			
Powder Morphology:	Gas Atomized			
Particles Sizes Available:	-53/+20 microns, -45/+15 and others upon request			
Typical Hardness:	200-250 HV			

Application:

- Seawater environment products
- Chemical processing products
- Aerospace products

Process:

- PTA (Plasma Transferred Arc)
- HVOF (High-Velocity Oxy-Fuel Spray)
- Laser Cladding
- 3D Printing

Hazards:

Observe safe spraying practices.

See Tormetal material safety data sheet for details.

Standard Sizes & Packaging:

Particle Size	Packaging
-53/+20 microns	5kg/ bottle
-45/+15 microns	

And others upon request

Product Overview

TMPN625 is nickel-chromium-molybdenum alloy that can resist a wide variety of severe corrosive environments and has proven to be particularly resisting to pitting and crevice corrosion. TMP1625 produces excellent high temperature oxidation and corrosion properties and is ideal for use in chemical processing, aerospace and marine engineering, nuclear reactors, and pollution-control equipment.

Contact: tmetal.com/contact