

# TMPN625

June 2020



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

### Hazards:

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

### Standard Sizes & Packaging:

<b>Particle Size</b>	<b>Packaging</b>
-53/+20 microns	5kg/ bottle
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.

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