

**TECHNICAL DATA SHEET**

# Industrial coating type NP

**General notes:**

- » This **pure nickel coating** is generally used to improve the resistance of tools made of carbon steel. The coating is deposited by electroplating technique



## Mechanical properties

This coating is hard and elastic and has a very good resistance to mechanical stress

Thickness	<b>20-30 microns</b>
Hardness	<b>200-500 Vickers</b>
Tensile Strength	<b>70-140 kg/mm<sup>2</sup></b>
Elongation	<b>25-35%</b>



## Wear and abrasion resistance

Improved resistance to wear and abrasion



## Aging

Superior aging and oxidation resistance



## Chemical resistance

Superior corrosion resistance to saltwater, alkalies and organic acids

This document contains information based on average values as obtained from the results of laboratory tests and observations made on the material. Ideal-Tek SA declines all responsibility from an improper use of the product described in this document.