

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 20-30 microns
Hardness 200-500 Vickers
Tensile Strength 70-140 kg/mm2
Elongation 25-35%



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.