

Brand name | Nickel 99.2, Nickel 200

Trade name | Alloy 200

Material No.	EN Designation	UNS	Alloy
2.4066	(S-)Ni 99,6	N02200	200

Description | Alloy 200 / 2.4066 is an unalloyed wrought nickel.

Special properties | It offers an excellent corrosion resistance, good mechanical and magnetic properties.

C %	Si ≤ %	Mn ≤ %	S ≤ %	Ni %
≤ 0.10	0.25	0.35	0.005	≥ 99.2
Ti ≤ %	Cu %	Fe %	Mg %	
0.10	≤ 0.25	≤ 0.40	≤ 0.15	

0.2% Yield strength R_p ≥ N/mm ²	Tensile strength R_m N/mm ²	Elongation A_5 ≥ %	Modulus of elasticity kN/mm ²
100	≥ 400	40	205

Density g/cm ³	Specific heat capacity J/kg K	Thermal conductivity W/m K	Electrical resistivity Ω mm ² /m
8.9	455	70.5	0.09

Suitable welding filler materials | 2.4156

Application | Food production, storing and transportation of phenol, production of viscose rayon and manufacture of soap

Available forms for 2.4066 / ALLOY 200

