

Brand name | Nickel® LC 99.2, Nickel 201

Trade name | Alloy 201

Material No.	EN Designation	UNS	Alloy
2.4068	LC-Ni99	N02201	201

Description | Alloy 201 / 2.4068 with reduced carbon content (max. 0,02%) shows better corrosion resistance at elevated temperatures above 300°C by avoiding graphite precipitation

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

C %	Si ≤ %	Mn ≤ %	S ≤ %	Ni %
≤ 0.02	0.25	0.35	0.005	≥ 99.0
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
80	≥ 340	40	207

Density g/cm ³	Specific heat capacity J/kg K	Thermal conductivity W/m K	Electrical resistivity Ω mm ² /m
8.9	455	79	0.085

Suitable welding filler materials | 2.4156

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

Sheets/Plates	Bars	Wire	Tubes/Pipes	Fittings	Forged / cast parts	Finished part (drawing)
						