

Brand name | Nimofer® 6928

Trade name | Alloy B-2

Material No.	EN Designation	UNS	Alloy
2.4617	NiMo28	N10665	B-2

Description | Alloy B-2 / 2.4617 is a nickel-molybdenum alloy.

Special properties | Good corrosion resistance to reducing environments. Excellent resistance against sulphuric acid.

C %	Si ≤ %	Mn ≤ %	P ≤ %	S ≤ %
0.01	0.08	1.00	0.025	0.015
Cr %	Mo %	Ni %	Cu %	Co %
≤ 1.00	26.0-30.0	Rest	≤ 0.50	≤ 1.00
Fe %				
≤ 2.00				

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
350	≥ 760	40	217

Density g/cm ³	Specific heat capacity J/kg K	Thermal conductivity W/m K	Electrical resistivity Ω mm ² /m
9.2	377	11.4	1.37

Suitable welding filler materials | 2.4616

Application | Chemical process industry, acetic acid production

Available forms for 2.4617 / ALLOY B-2	Sheets/Plates	Bars	Wire	Tubes/Pipes	Fittings	Forged / cast parts	Finished part (drawing)
							