

2.4066

Material No.	2.4066
EN symbol (short)	Ni 99.2
AISI /SAE	—
UNS	N 02200
AFNOR	—
B.S.	3072-3076(NA11)
alloy	alloy 200
Registered work's label	
Standards	—

DESCRIPTION

2.4066 (alloy 200) is unalloyed nickel with excellent corrosion resistance and excellent stability against alkaline media and good mechanical characteristics in a broad temperature range. Shows good corrosion resistance under reducing conditions, e.g. hydrofluoric acid and hydrochloric acid. Shows good stability under oxidizing conditions (by creating a surface protection film). Material 2.4066 (alloy 200) is used in the chemical industry and petrochemical industry.

Our product range in 2.4066 (alloy 200) are tubes and pipes, fittings and flanges, accessories.

CHEMICAL COMPOSITION ¹

C ≤ %	Si ≤ %	Mn ≤ %	P ≤ %	S ≤ %	Cr %	Mo %	Ni %	Mg ≤ %
0,1	0,25	0,35		0,005			99,2	0,15
Nb %	Ti ≤ %	Al %	Co ≤ %	Cu ≤ %	N %	Fe ≤ %	Ce %	Y ≤ %
	0,1			0,25		0,4		

¹ in accordance with Key to Steel 2001

SPECIAL CHARACTERISTICS

Temperature range	Density kg/dm³	Hardness
	8,89	

very good corrosion resistance in reducing conditions

WELDING FILLER

covered rod electrode 2.4156

MAIN FIELDS OF APPLICATION (depending on the specific conditions of use)

chemical industry, fluorine, hydrogen chloride, petrochemical industry, vaporisers for caustic soda, plant components for salt production, food industry

(all aforementioned specifications serve as a general orientation and have to be reviewed depending on the specific conditions of use)