

2.4816

Material No.	2.4816
EN symbol (short)	NiCr15Fe
AISI /SAE	—
UNS	N 06600
AFNOR	—
BS	—
alloy	alloy 600
Registered work's label	Inconel® 600, Microfer® 7216H
Standards	VdTÜV 305

DESCRIPTION

The high-temperature alloy 2.4816 (alloy 600) is used in the chemical and petrochemical industries. Our product range in 2.4816 (alloy 600) are tubes and pipes, fittings and flanges, accessories.

CHEMICAL COMPOSITION ¹

C	Si ≤ %	Mn ≤ %	P ≤ %	S ≤ %	Ti ≤ %	Cr	Co ≤ %	Ni ≥ %
0,05-0,10	0,5	1,0	0,2	0,25	0,3	14,0-17,0	1,0	72
Cu ≤ %	B ≤ %	Al ≤ %	Fe					
0,5	0.006	0,3	6,0-10,0					

¹ in accordance with Key to Steel 2001

SPECIAL CHARACTERISTICS

Temperature range	Density kg/m ³	Hardness (HB)
600°C to 900°C	8,4	
high-temperature resistant nickel-chrome-iron alloy		

WELDING FILLER

covered rod electrode 2.4648

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

building of industrial furnaces, chemical industry, reactor construction, building of engines, petrochemical plants, catalysis generators

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