

2.4610

Material No.	2.4610
EN symbol (short)	NiMo16Cr16Ti
AISI/SAE	—
UNS	N 06455
AFNOR	—
B.S.	—
alloy	alloy C-4
Registered work's label	Nicrofer® 6616hMo, Hastelloy® C4
Standards	VdTÜV 424

DESCRIPTION

2.4610 (alloy C-4) shows excellent stability against intergranular corrosion, pitting corrosion and stress corrosion as well as reductive mineral acids and chlorides, inorganic and organic chloride-contaminated media.

Material 2.4610 (alloy C-4) is mainly used in inorganic chemistry, fertiliser industry, and with acetic acid.

Our product range in 2.4610 (alloy C-4) are tubes and pipes, fittings and flanges, accessories.

CHEMICAL COMPOSITION ¹

C ≤ %	Si ≤ %	Mn ≤ %	P ≤ %	S ≤ %	Cr %	Mo %	Ni %	V %
0,015	0,08	1,0	0,025	0,015	11,0-18,0	14,0-17,0	rest	
Nb %	Ti	Al %	Co ≤ %	Cu ≤ %	N %	Fe ≤ %	Ce %	Y ≤ %
	0,75-1,3		2,05	0,5		3,2		

¹ in accordance with Key to Steel 2001

SPECIAL CHARACTERISTICS

Temperature range	Density kg/dm ³	Hardness HB
	8,64	190

WELDING FILLER

covered rod electrode 2.4612

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

inorganic chemistry, flue gas desulphurating plants, fertiliser industry, acetic acid, waste incineration plants, heat exchanger

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