2.4610=Alloy C4

Standards	Material No.	EN Designation	UNS	Alloy
	2.4610	NiMo16Cr16Ti	N06455	C4

Description Alloy C-4/2.4610 is an austenitic low-carbon nickel-mo

Special Properties Very good resistant to a wide range of corrosive media resistance to localized corrosion in halide media

Elemenmt compisition

C%	Si%	Mn%	P%
≤0.015	≤0.08	≤1.0	≤0.025
Cr%	Mo%	Ni%	TI%
14.0-18.0	14.0-17.0	Rest	≤0.70
Co%	Fe%		
~~≤2.0~~	≤3.0		

Mechanical Performance:

0.2% Yield Strength Rp(N/mm²)	Tensile Strength Rm (N/mm²)
min.305 N/mm²	min.700 N/mm²

Application Inorganic,chemicals,fertilizer and pesticide productio

lybdenum-chromium alloy

particalarly under reducing conditions,excellent

S%	
≤0.015	
Cu%	
≤0.50	

Elongation As >%
min.35%

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