

Alloy Steel, F9, 9Cr1Mo, UNS K90941, Chips

Art. ID	IARM-FEF9-18-C
Unit	100 g (chips)
Deliverydetails	No Dangerous Good /not restricted

Description

This type of steel has many uses, and is good for mild corrosive or erosive applications, and can withstand a wide range of temperatures.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified Value	Arsenic (As)	[7440-38-2]	0,006 ± 0,001	%		
Certified Value	Carbon (C)	[7440-44-0]	0,104 ± 0,002	%		
Certified Value	Calcium (Ca)	[7440-70-2]	0,002 ± 0,001	%		
Certified Value	Cobalt (Co)	[7440-48-4]	0,013 ± 0,002	%		
Certified Value	Chromium (Cr)	[7440-47-3]	8,72 ± 0,07	%		
Certified Value	Copper (Cu)	[7440-50-8]	0,093 ± 0,003	%		
Certified Value	Iron (Fe)	[7439-89-6]	88,9 ± 0,1	%		
Certified Value	Manganese (Mn)	[7439-96-5]	0,459 ± 0,004	%		
Certified Value	Molybdenum (Mo)	[7439-98-7]	0,94 ± 0,01	%		
Certified Value	Nitrogen (N)	[7727-37-9]	0,0323 ± 0,0009	%		
Certified Value	Niobium (Nb)	[7440-03-1]	0,078 ± 0,003	%		
Certified Value	Nickel (Ni)	[7440-02-0]	0,148 ± 0,003	%		
Certified Value	Oxygen (O)	[7782-44-7]	0,0025 ± 0,0003	%		
Certified Value	Phosphorus (P)	[7723-14-0]	0,011 ± 0,002	%		
Certified Value	Sulfur (S)	[7704-34-9]	0,0036 ± 0,0003	%		
Certified Value	Antimony (Sb)	[7440-36-0]	0,0026 ± 0,0007	%		
Certified Value	Silicon (Si)	[7440-21-3]	0,345 ± 0,008	%		
Certified Value	Tin (Sn)	[7440-31-5]	0,0062 ± 0,0004	%		
Certified Value	Titanium (Ti)	[7440-32-6]	0,0028 ± 0,0009	%		
Certified Value	Vanadium (V)	[7440-62-2]	0,214 ± 0,007	%		
Certified Value	Tungsten (W)	[7440-33-7]	0,003 ± 0,0002	%		
Indicative Value	Aluminium (Al)	[7429-90-5]	~206	ppm		
Indicative Value	Boron (B)	[7440-42-8]	~6	ppm		
Indicative Value	Bismuth (Bi)	[7440-69-9]	<10	ppm		
Indicative Value	Cadmium (Cd)	[7440-43-9]	<10	ppm		
Indicative Value	Hydrogen (H)	[1333-74-0]	<1	ppm		
Indicative Value	Magnesium (Mg)	[7439-95-4]	<10	ppm		
Indicative Value	Lead (Pb)	[7439-92-1]	<50	ppm		
Indicative Value	Selenium (Se)	[7782-49-2]	<50	ppm		

Indicative Value	Tantalum (Ta)	[7440-25-7]	<60	ppm
Indicative Value	Zinc (Zn)	[7440-66-6]	<50	ppm
Indicative Value	Zirconium (Zr)	[7440-67-7]	<50	ppm