

単位表

量	SI 単位	併用単位
平面角	rad	1° (度), 1' (分), 1" (秒)
長さ	m	Å(オングストローム)
体積	m <sup>3</sup>	l, L(リットル)=1 が他と混同される恐れのある場合はLを用いる)
時間	s	min(分), h(時), d(日) [y(年)は不可]
質量	kg	g(グラム), t(トン)
圧力	Pa	atm(気圧)
粘度	Pa·s	P(ポアズ)
動粘度	m <sup>2</sup> /s	St(ストークス)
エネルギー	J	eV はジュールの単位で表記した後に併記の場合のみ可
温度	K	°C
音圧・音響		dB(デシベル)
エントロピー	J/K	[Kの代わりに°Cは不可]
濃度, 組成 (含有率)	mol/m <sup>3</sup>	ppm, mass%, at% など
磁場・磁界	A/m	T(テスラ, 本来は磁束密度の単位) 1T=7.97x10 <sup>5</sup> A/m
磁束密度	T	Wb/m <sup>2</sup>
放射能	Bq	Ci(キュリー)
吸収線量	Gy	rad(ラド)
照射線量	Ckg <sup>-1</sup>	R(レントゲン)
線量当量	Sv	rem(レム)

接頭語一覧表

倍数	名称	記号
10 <sup>18</sup>	エクサ	E
10 <sup>15</sup>	ペタ	P
10 <sup>12</sup>	テラ	T
10 <sup>9</sup>	ギガ	G
10 <sup>6</sup>	メガ	M
10 <sup>3</sup>	キロ	k
10 <sup>2</sup>	ヘクト	h
10	デカ	da
10 <sup>-1</sup>	デシ	d
10 <sup>-2</sup>	センチ	c
10 <sup>-3</sup>	ミリ	m
10 <sup>-6</sup>	マイクロ	μ
10 <sup>-9</sup>	ナノ	n
10 <sup>-12</sup>	ピコ	p
10 <sup>-15</sup>	フェムト	f
10 <sup>-18</sup>	アト	a

参考基準キーワード一覧

<b>Production and Fabrication:</b>	cold rolled product	<b>Metallurgy and Metallography</b>	hardenability
<b>Process and Equipment</b>	composite material	crystal plasticity	machinability
agglomeration	electrical steel	crystal structure	oxidation
coking	ferroalloy	diffusion	physical property
continuous casting	forgings	grain boundary	strength
cooling	fuel	grain size	toughness
direct reduction	high carbon steel	inclusion	wear
drawing	high strength low alloy steel	interface	weldability
forging	hot rolled product	ladle metallurgy	<b>Instrumentation, Testing, Chemical Analysis and Management</b>
forming	iron ore	lattice defect	automation
foundry	low alloy steel	metallography	computer
heat treatment	low carbon steel	metallurgical constituent	economy
heating	medium carbon steel	microscopy	element analysis
hot metal treatment	nonferrous metal	phase diagram	energy
ingot making	plate	phase transformation	environmental control
ironmaking	precoated product	physical chemistry	lubrication
painting	refractory	plastic deformation	maintenance
powder metallurgy	semi-finished steel	precipitation	mechanical testing
press forming	shapes	recrystallization	modelling
protective coating	slag	segregation	nondestructive inspection
rolling	stainless steel	solid solution	phase analysis
secondary steelmaking	steel for elevated temperature service	solidification	process control
steelmaking	steel for low temperature service	texture	production control
thermo-mechanical treatment	structural steel	<b>Property and Service Characteristics</b>	quality control
welding	superalloy	chemical property	sampling
<b>Materials and Products</b>	titanium base alloy	corrosion	sensor
alloying element	tool steel	corrosion resistance	separation
bar and rod	tubular product	creep	simulation
carbon steel	ultrahigh strength steel	ductility	surface analysis
cast iron	welded tubular product	fatigue	utilities
castings	wire	formability	
ceramics		fracture	
coal			
coke			