

## 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 (オンゲストローム)
面積	m <sup>2</sup>	a (アール), ha (ヘクタール)
体積	m <sup>3</sup>	l, L (リットル)
時間	s	min (分), h (時), d (日) [y (年) は不可]
回転速度	s <sup>-1</sup>	min <sup>-1</sup>
質量	kg	g (グラム), t (トン)
圧力	Pa	bar (バール) [Torr, atm. ゲージ圧は不可]
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
温度差・間隔	K	°C
無効電力		var (ベール)
皮相電力		VA (ボルトアンペア)
音圧・音響		dB (デシベル)
モルエントロピー	J/(mol · K)	[Kの代わりに°Cは不可]
組成, 濃度,	mol %	
含有率	mass %	ppm
	vol%	
放射能	Bq	Ci (キュリー)
吸収線量	Gy	rad (ラド)
照射線量	C/kg	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	electrical steel	machinability
agglomeration	electrical steel	crystal plasticity	oxidation
coking	ferroalloy	crystal structure	physical property
continuous casting	forgings	diffusion	strength
cooling	fuel	grain boundary	toughness
direct reduction	high carbon steel	grain size	wear
drawing	high strength low alloy steel	inclusion	weldability
forging	hot rolled product	interface	<b>Instrumentation, Testing, Chemical Analysis and Management</b>
forming	iron ore	ladle metallurgy	automation
foundry	low alloy steel	lattice defect	computer
heat treatment	low carbon steel	metallography	economy
heating	medium carbon steel	metallurgical constituent	element analysis
hot metal treatment	nonferrous metal	microscopy	energy
ingot making	plate	phase diagram	environmental control
ironmaking	precoated product	phase transformation	lubrication
painting	refractory	physical chemistry	maintenance
powder metallurgy	semi-finished steel	plastic deformation	mechanical testing
press forming	shapes	precipitation	modelling
protective coating	slag	recrystallization	nondestructive inspection
rolling	stainless steel	segregation	phase analysis
secondary steelmaking	steel for elevated temperature service	solid solution	process control
steelmaking	steel for low temperature service	solidification	production control
thermo-mechanical treatment	structural steel	texture	quality control
welding	superalloy	<b>Property and Service Characteristics</b>	sampling
<b>Materials and Products</b>	titanium base alloy	chemical property	sensor
alloying element	tool steel	corrosion	separation
bar and rod	tubular product	corrosion resistance	simulation
carbon steel	ultrahigh strength steel	creep	surface analysis
cast iron	welded tubular product	ductility	utilities
castings	wire	fatigue	
ceramics		formability	
coal		fracture	
coke			