

**TABLE A-6—SI SYSTEM UNITS**

## Base SI Units Used in Phase Behavior

Quantity		Unit		Symbol
Length		meter		m
Time		second		s
Mass		kilogram		kg
Temperature		kelvin		K
Amount of substance		mole		mol
Quantity	Unit	Symbol	Definition	SI Term
Mass	tonne	Mg	1 Mg = 10 <sup>3</sup> kg	Mg
Volume	liter	L	1 L = 1 dm <sup>3</sup>	dm <sup>3</sup>

**TABLE A-7—SI PREFIXES**

Multiplication Factor	Prefix	Symbol*
10 <sup>12</sup>	Tera	T
10 <sup>9</sup>	Giga	G
10 <sup>6</sup>	Mega	M
10 <sup>3</sup>	Kilo	k
10 <sup>2</sup>	Hecto	h
10	Deka	da
10 <sup>-1</sup>	Deci	d
10 <sup>-2</sup>	Centi	c
10 <sup>-3</sup>	Milli	m
10 <sup>-6</sup>	Micro	$\mu$
10 <sup>-9</sup>	Nano	n
10 <sup>-12</sup>	Pico	p
10 <sup>-15</sup>	Femto	f
10 <sup>-18</sup>	Atto	a

\*Only the symbols T (tera), G (giga), and M (mega) are capital letters. Compound prefixes are not allowed; e.g., use nm (nanometer) rather than m $\mu$ m (millimicrometer).