

TABLE OF CONTENTS

	Page
ACKNOWLEDGEMENTS	iii
ABSTRACT (ENGLISH)	v
ABSTRACT (THAI)	vii
LIST OF TABLES	xv
LIST OF FIGURES	xix
LIST OF SCHEMES	xxvi
ABBREVIATIONS	xxvii
CHAPTER 1 INTRODUCTION	
1.1 Biodegradable Polymers	1
1.2 Absorbable Nerve Guides	3
1.3 Ring-Opening Polymerization of Cyclic Esters	6
1.4 Coordination-Insertion Ring-Opening Polymerization	7
1.5 Transesterification Reactions	8
1.6 Tin(II) 2-Ethylhexanoate	10
1.7 Poly(L-lactide) (PLL)	12
1.7.1 Polymer Synthesis	12
1.7.2 Polymer Properties	13
1.8 Poly(ϵ -caprolactone) (PCL)	14
1.8.1 Polymer Synthesis	14

	Page
1.8.2 Polymer Properties	14
1.9 Previous Work Relevant to This Study	15
1.10 Aims of This Study	20
CHAPTER 2 EXPERIMENTAL METHODS	
2.1 Chemicals, Apparatus and Instruments	22
2.1.1 Chemicals	22
2.1.2 Apparatus and Instruments	23
2.2 Materials	24
2.2.1 Monomer Preparation and Purification	24
2.2.1.1 Synthesis of L-Lactide	24
2.2.1.2 Synthesis and Purification of Tin(II) <i>n</i> -Butoxide	26
2.2.1.3 Purification and Purity Analysis of L-Lactide	27
2.2.1.4 Structural Analyses of L-Lactide by FT-IR and ¹ H-NMR Spectroscopy	29
2.2.1.5 Purification of ϵ -Caprolactone by Vacuum Distillation	33
2.2.2 Catalyst and Initiator Purification	34
2.2.2.1 Stannous Octoate	34
2.2.2.2 1-Hexanol	35
2.3 Synthesis of poly(L-lactide- <i>co</i> - ϵ -caprolactone), PLC 50: 50 copolymers.	35

	Page
2.3.1 Synthesis of Poly(L-lactide- <i>co</i> - ϵ -caprolactone), PLC 50:50 mole% Copolymers : Small Scale Synthesis (25 g)	38
2.3.2 Synthesis of Poly(L-lactide- <i>co</i> - ϵ -caprolactone), PLC 50:50 mole% Copolymers : Medium Scale Synthesis (250 g)	38
2.3.3 Synthesis of Poly(L-lactide- <i>co</i> - ϵ -caprolactone), PLC 50:50 mole% Copolymers : Large Scale Synthesis (500 g)	38
2.4 Characterization Methods	39
2.4.1 Fourier Transform Infrared Spectroscopy (FT-IR)	39
2.4.2 Nuclear Magnetic Resonance (NMR) Spectroscopy	40
2.4.3 Gel Permeation Chromatography (GPC)	40
2.4.4 Dilute-Solution Viscometry	41
2.4.5 Differential Scanning Calorimetry (DSC)	41
2.4.6 Thermogravimetric Analysis (TGA)	42
2.4.7 Mechanical (Tensile) Testing	42
2.4.8 Dynamic Mechanical Analysis (DMA)	43
2.4.9 Melt Rheology Measurements	45
2.4.10 Fabrication of Small Tubes by Dip-Coating	47
2.4.11 Fabrication of Small Tubes by Melt Extrusion	48

CHAPTER 3 RESULTS AND DISCUSSION

3.1 Synthesis of Poly(L-lactide- <i>co</i> - ϵ -caprolactone), PLC	53
50:50 mole% Copolymers: Small Scale (25 g)	
3.1.1 Effect of the Reaction Time on the Polymer Properties	53
3.1.1.1 Structural Analysis by $^1\text{H-NMR}$ Spectroscopy	55
3.1.1.2 Copolymer Composition Analysis by $^1\text{H-NMR}$ Spectroscopy	61
3.1.1.3 Molecular Weight Determination by GPC	63
3.1.1.4 Thermal Characterization by DSC Analysis	68
3.1.1.5 Mechanical Properties Determination by Tensile Testing	72
3.1.2 Effect of the Reaction Temperature on the Polymer Properties	73
3.1.2.1 Carbon-13 Nuclear Magnetic Resonance Spectrometry ($^{13}\text{C-NMR}$)	76
3.1.2.1.1 $^{13}\text{C-NMR}$ Spectra and their Interpretations	76
3.1.2.1.2 Copolymers Chain Microstructure (Monomer Sequencing)	77
3.1.3 Effect of the Monomer to Initiator Molar Ratio on the Polymer Properties	88
3.2 Synthesis of Poly(L-lactide- <i>co</i> - ϵ -caprolactone), PLC	93
50:50 mole% Copolymers: Medium Scale (250 g)	

	Page
3.2.1 Effect of the Reaction Time on the Polymer Properties	93
3.2.1.1 Thermal Characterization by DSC Analysis	96
3.2.2 Synthesis of Poly(L-lactide- <i>co</i> - ϵ -caprolactone), PLC 50:50 mole% Copolymers	99
3.2.2.1 Structure and Copolymer Composition Analyses by $^1\text{H-NMR}$ Spectroscopy	100
3.2.2.2 Copolymers Chain Microstructure (Monomer Sequencing) by $^{13}\text{C-NMR}$ Spectrometry.	103
3.2.2.3 Molecular Weight Determination by GPC	108
3.2.2.4 Intrinsic Viscosity Determination by Dilute-Solution Viscometry	110
3.2.2.5 Thermal Characterization by DSC Analysis	111
3.2.2.6 Thermal Characterization by TGA Analysis	111
3.2.2.7 Mechanical Properties Determination by Tensile Testing	112
3.2.2.8 Dynamic Mechanical Analysis (DMA)	113
3.2.2.9 Rheological Properties by Melt Rheology	115
3.2.3 Fabrication of Small Tubes	122
3.2.3.1 Fabrication of Small Tubes by Dip-coating	122
3.2.3.2 Fabrication of Small Tubes by Melt extrusion	123
3.3 Large Scale Synthesis (500 g)	124
3.3.1 Parr Reactor Instrument	125

	Page
3.3.2 Calibration Thermocouple	130
3.3.3 Test Parr Reactor	132
3.3.4 Synthesis of Poly(L-lactide- <i>co</i> - ϵ -caprolactone), PLC 50:50 mole% Copolymers : Large Scale (500 g)	133
CHAPTER 4 CONCLUSIONS	145
SUGGESTIONS FOR FURTHER WORK	156
REFERENCES	159
RELEVANCE OF THE RESEARCH WORK TO THAILAND	166
APPENDIX	167
VITA	191

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LIST OF TABLES

Table		Page
1.1	Some biodegradable polymers used in medicine.	2
2.1	Chemicals used in this research project.	22
2.2	Apparatus and instruments used in this research project.	23
2.3	Main vibrational assignments in the L-lactide infrared spectra.	30
2.4	¹ H-NMR and ¹³ C-NMR chemical shifts and proton assignments for L-lactide.	31
3.1	The effect of the reaction time on the %yield and physical appearance of PLC copolymers in small scale (25 g) using [M]:[I] molar ratio 100:0.01 mole%, 0.1 mole% SnOct ₂ as a catalyst at 120°C.	54
3.2	Proton assignments and corresponding chemical shift ranges for the various resonance peaks in the ¹ H-NMR spectra of the crude PLC_S1-S9 copolymers in small scale (25 g).	58
3.3	Proton assignments and corresponding peak area integrations for the various resonance peaks in the ¹ H-NMR spectra of the crude PLC_S1-S9 copolymers in small scale (25 g).	59
3.4	Proton assignments and corresponding chemical shift ranges for the various resonance peaks in the ¹ H-NMR spectra of the purified	59

	Page
PLC_S1-S9 copolymers in small scale (25 g).	
3.5 Proton assignments and corresponding peak area integrations for the various resonance peaks in the ^1H -NMR spectra of the purified PLC_S1-S9 copolymers in small scale (25 g).	60
3.6 Comparison of the initial comonomer feeds with the final copolymer compositions of the PLC copolymers in small scale (25 g).	62
3.7 GPC molecular weight data of crude and purified PLC copolymers in small scale (25 g).	67
3.8 DSC results of the PLC copolymers in small scale (25 g).	70
3.9 The calculated values of T_g from Fox Equation for the PLC copolymers in small scale (25 g).	72
3.10 The effect of the reaction temperature on the %yield and physical appearance of PLC copolymers in small scale (25 g) using $[\text{M}]:[\text{I}]$ molar ratio 100:0.01 mole%, 0.1 mole% SnOct_2 as a catalyst for 48 hours.	74
3.11 The effect of reaction temperature on the final copolymer composition and weight-average molecular weights of PLC copolymers in small scale (25 g).	74
3.12 Intensities of the various triad peaks of PLC copolymers in small scale (25 g).	85
3.13 Characterization results from ^{13}C -NMR of PLC copolymers in small scale (25 g).	86

	Page
3.14 The effect of the monomer to 1-hexanol initiator molar ratio on the %yield and physical appearance of PLC copolymers in small scale (25 g) using 0.1 mole% SnOct ₂ as a catalyst at 120°C for 48 hours.	89
3.15 The effect of monomer to 1-hexanol initiator molar ratio on the final copolymer composition and weight-average molecular weights of PLC copolymers in small scale (25 g).	89
3.16 The PLC polymerization results in medium scale (250 g) using [M]:[I] molar ratio 100:0.01 mole%, 0.1 mole% SnOct ₂ as a catalyst with different the reaction time at 120°C.	95
3.17 DSC results of the PLC copolymers in medium scale (250 g)	98
3.18 The calculated values of T_g from Fox Equation for the PLC copolymers in medium scale (250 g).	99
3.19 Results of the polymerization of PLC copolymer using 0.1 mole% SnOct ₂ as a catalyst and 0.01 mole% 1-hexanol as initiator at 120°C for 96 hours in medium scale (250 g).	100
3.20 Proton assignments and corresponding chemical shift ranges and peak area integrations for the various resonance peaks in the ¹ H-NMR spectra of the crude and purified PLC copolymers in medium scale (250 g).	102
3.21 Comparison of the initial comonomer feeds with the final copolymer compositions of the crude and purified PLC copolymer in medium scale (250 g).	103

	Page
3.22 Carbon-13 assignments and corresponding chemical shifts for the various resonance peaks in the ^{13}C -NMR spectra of crude and purified PLC copolymer in medium scale (250 g).	105
3.23 Monomer sequence assignments and intensities for the various carbonyl carbon peaks in the expanded ^{13}C -NMR spectra of crude and purified PLC copolymer in medium scale (250 g).	106
3.24 The results of calculated average monomer sequence lengths and degree of randomness of PLC copolymer in medium scale (250 g).	107
3.25 GPC molecular weight data of crude and purified PLC copolymer in medium scale (250 g).	108
3.26 The shift factor values for used construct a master curve at reference temperature.	116
3.27 The C_1 and C_2 values from WLF equation for used construct a master curve at reference temperature.	118
3.28 Results of the polymerization of PLC copolymer in large scale (500 g).	135

LIST OF FIGURES

Figure		Page
1.1	Nerve repair methods (a) nerve suture (b) nerve graft and (c) nerve guide.	4
2.1	Apparatus used in the synthesis of L-lactide.	26
2.2	DSC thermogram of purified L-lactide after three recrystallisations.	28
2.3	Van't Hoff plot of the purity analysis data for the purified L-lactide. (F = mole fraction of sample which has melted)	28
2.4	FT-IR spectrum of the L-lactide used in this work.	30
2.5	Reference FT-IR and FT-Raman spectra of the L-lactide.	31
2.6	¹ H-NMR (400 MHz) spectrum of L-lactide used in this work in CDCl ₃ as solvent at 25.0°C.	32
2.7	¹³ C-NMR (100 MHz) spectrum of L-lactide used in this work in CDCl ₃ as solvent at 25.0°C.	32
2.8	Reference ¹ H-NMR (below) and ¹³ C-NMR (above) spectra of L-lactide.	33
2.9	Vacuum distillation apparatus used for the purification of ε-caprolactone.	34
2.10	Apparatus for ROP of PLC (a) small scale, 25 g (b) medium scale, 250 g (c) large scale (Parr Reactor Model 4520), 500 g.	36
2.11	Apparatus used for polymer re-precipitation.	37
2.12	Parr Reactor Model 4520 (a) Bench top reactors (b) temperature controllers.	39
2.13	Lloyds LRX + Universal Mechanical Testing Machine.	43

	Page
2.14 Mettler Toledo DMA/SDTA 861° apparatus.	45
2.15 Bohlin Gemini HR ^{nano} Rotational Rheometer apparatus.	46
(a) parallel plate geometry (b) the gap between the plates	
2.16 Dip-Coating Apparatus. (a) K wire immersed to copolymer solution	48
(b) Rotate K wire in horizontal line to evaporate solvent	
2.17 Photograph of the small-scale melt spinning apparatus.	50
(1) extrusion cylinder block (2) piston (ram)	
(3) heater control button (4) ram speed control switch	
(5) thermocouple (6) cooling water bath	
2.18 The various accessories used in pre-formed polymer rod preparation.	51
2.19 The various accessories used in the fabrication small tubes by melt extrusion.	51
2.20 The tubular-shaped die in the fabrication small tubes by melt extrusion.	51
2.21 Schematic diagram of the compression, melting and metering zones showing the (a) ram, (b) cylinder, (c) band heater,	52
(d) heating block, (e) stainless steel filter mesh, (f) thermocouple,	
(g) tubular-shaped die and (h) extruded tubes.	
3.1 % Yield-time profile of PLC copolymers in small scale (25 g).	55
3.2 ¹ H-NMR (400 MHz) spectrum of crude PLC_S1 in small scale (25 g).	56
3.3 ¹ H-NMR (400 MHz) spectrum of purified PLC_S1 in small scale (25 g).	57
3.4 ¹ H-NMR (400 MHz) spectrum of crude PLC_S8 in small scale (25 g).	57
3.5 ¹ H-NMR (400 MHz) spectrum of purified PLC_S8 in small scale (25 g).	58

	Page
3.6 GPC curves of crude PLC copolymers (a) PLC_S1 (b) PLC_S2 (c) PLC_S3 (d) PLC_S4 (e) PLC_S5 (f) PLC_S6 (g) PLC_S7 (h) PLC_S8 and (i) PLC_S9 in small scale (25 g).	65
3.7 GPC curves of purified PLC copolymers (a) PLC_S1 (b) PLC_S2 (c) PLC_S3 (d) PLC_S4 (e) PLC_S5 (f) PLC_S6 (g) PLC_S7 (h) PLC_S8 and (i) PLC_S9 in small scale (25 g).	66
3.8 Weight-average molecular weight-time profile of crude and purified PLC copolymers in small scale (25 g).	68
3.9 Comparison of the DSC thermograms first run of PLC copolymers in small scale (25 g).	69
3.10 Comparison of the DSC thermograms second run of PLC copolymers in small scale (25 g).	70
3.11 The stress-strain curve of PLC_S7 copolymers in small scale (25 g).	73
3.12 %Yield and weight-average molecular weight -temperature profile of PLC copolymers in small scale (25 g).	75
3.13 100 MHz ¹³ C-NMR spectrum of PLC copolymers in CDCl ₃ as solvent in small scale (25 g).	77
3.14 Triad sequences and corresponding structures showing the carbonyl groups responsible for the respective chemical shift assignments.	79
3.15 Expanded carbonyl region of the 100 MHz ¹³ C-NMR spectrum of crude PLC_T1 in small scale (25 g).	81
3.16 Expanded carbonyl region of the 100 MHz ¹³ C-NMR spectrum of crude PLC_T2 in small scale (25 g).	82

	Page
3.17 Expanded carbonyl region of the 100 MHz ^{13}C -NMR spectrum of crude PLC_T3 in small scale (25 g).	82
3.18 Expanded carbonyl region of the 100 MHz ^{13}C -NMR spectrum of crude PLC_T4 in small scale (25 g).	83
3.19 Expanded carbonyl region of the 100 MHz ^{13}C -NMR spectrum of pure PLC_T1 in small scale (25 g).	83
3.20 Expanded carbonyl region of the 100 MHz ^{13}C -NMR spectrum of pure PLC_T2 in small scale (25 g).	84
3.21 Expanded carbonyl region of the 100 MHz ^{13}C -NMR spectrum of pure PLC_T3 in small scale (25 g).	84
3.22 Expanded carbonyl region of the 100 MHz ^{13}C -NMR spectrum of pure PLC_T4 in small scale (25 g).	85
3.23 %Yield and weight-average molecular weight-[M]:[I] molar ratio profile of purified PLC copolymers in small scale (25 g).	90
3.24 %Yield and weight-average molecular weight-reaction time profile of purified PLC copolymers in medium scale (250 g).	94
3.25 Comparison of the DSC themograms first run of PLC copolymers in mediun scale (250 g).	97
3.26 Comparison of the DSC themograms second run of PLC copolymers in mediun scale (250 g).	97
3.27 ^1H -NMR (400 MHz) spectrum of crude PLC in medium scale (250 g).	101
3.28 ^1H -NMR (400 MHz) spectrum of purified PLC in medium scale (250g).	102

	Page
3.29 100 MHz ^{13}C -NMR spectrum of crude PLC copolymers in CDCl_3 as solvent in medium scale (250 g).	104
3.30 100 MHz ^{13}C -NMR spectrum of purified PLC copolymers in CDCl_3 as solvent in medium scale (250 g).	104
3.31 Expanded carbonyl region of the 100 MHz ^{13}C -NMR spectrum of crude PLC copolymer in medium scale (250 g).	105
3.32 Expanded carbonyl region of the 100 MHz ^{13}C -NMR spectrum of purified PLC copolymer in medium scale (250 g).	106
3.33 GPC curve of crude PLC copolymer in medium scale (250 g).	109
3.34 GPC curve of purified PLC copolymer in medium scale (250 g).	109
3.35 Double extrapolation plots of the reduced, η_{red} , and inherent, η_{inh} , viscosities against concentration for PLC copolymer in medium scale (250 g).	110
3.36 TG thermogram of PLC copolymer in medium scale (250 g).	112
3.37 Stress-strain curve of PLC copolymer in medium scale (250 g).	113
3.38 The E' , E'' and $\tan \delta$ curves as a function of temperature for PLC copolymer film.	114
3.39 Master curve showing G' , G'' and η^* of PLC at a reference temperature of 150°C .	119
3.40 Comparison of the master curve at reference temperatures of 130°C (gray curves) and 140°C .	120
3.41 Comparison of the master curve at reference temperatures of 140°C (gray curves) and 150°C .	120

	Page
3.42	Temperature dependence of G' , G'' , $\tan \delta$ and η^* of PLC copolymer. 121
3.43	(a) Camera (b) Photograph, (c) and (d) SEM images of the PLC copolymer small tube prepared by dip-coating. 122
3.44	(a) Camera (b) Photograph, (b) and (c) SEM images of the PLC copolymer small tube prepared by melt extrusion. 124
3.45	Parr Reactor Model 4520. 125
3.46	(a) 4520 Bench Top Reactors (b) 4843 Temperature Controllers. 125
3.47	The assembly of removable head vessels (a) external (b) internal. 127
3.48	The assembly of 4843 temperature controller 128
3.49	Time-temperature profiles of different zero setting value (a) -10.0 (b) 0.0 (c) +10.0 in large scale synthesis (500 g). 132
3.50	Time-temperature profile of water in the initial operating test. 133
3.51	The dark brown caramel of crude PLC copolymer at 120°C for 96 hours (Batch 1 in large scale (500 g)). 134
3.52	$^1\text{H-NMR}$ (400 MHz) spectrum of crude PLC copolymer at 120°C for 96 hours (Batch 1 in large scale (500 g)). 136
3.53	$^1\text{H-NMR}$ (400 MHz) spectrum of crude PLC copolymer at 120°C for 48 hours (Batch 2 in large scale (500 g)). 137
3.54	Reaction time-temperature profile of PLC copolymer in Batch 2 for large scale (500 g). 138
3.55	Reaction time-ammeter module profile of PLC copolymer in Batch 2 for large scale (500 g). 138

	Page
3.56 Expanded carbonyl region of the 100 MHz ^{13}C -NMR spectrum of crude PLC copolymer at 120°C for 48 hours (Batch 2 in large scale (500 g)).	139
3.57 ^1H -NMR (400 MHz) spectrum of crude PLC copolymer at 120°C for 6 hours (Batch 4 in large scale (500 g)).	140
3.58 The transparent flexible solid of crude PLC copolymer at 100°C for 18 hours (Batch 4 in large scale (500 g))	141
3.59 ^1H -NMR (400 MHz) spectrum of crude PLC copolymer at 100°C for 18 hours (Batch 4 in large scale (500 g)).	141
3.60 ^1H -NMR (400 MHz) spectrum of crude PLC copolymer at 120°C for 6 hours (Batch 5 in large scale (500 g)).	143
3.61 ^1H -NMR (400 MHz) spectrum of crude PLC copolymer at 120°C for 9 hours (Batch 5 in large scale (500 g)).	143
3.62 ^1H -NMR (400 MHz) spectrum of crude PLC copolymer at 120°C for 24 hours (Batch 5 in large scale (500 g)).	144
3.63 Double extrapolation plots of the reduced, η_{red} , and inherent, η_{inh} , viscosities against concentration for PLC copolymer (a) at 120°C for 6 hours (b) at 120°C for 9 hours and (c) at 120°C for 24 hours (Batch 5 in large scale (500 g)).	144
4.1 Schematic representation of (a) the effect of radius on temperature and (b) the effect of radius on molecular weight.	153

LIST OF SCHEMES

SCHEME	Page
1.1 Representation of the ROP of a cyclic ester: R=(CH ₂) _{0,3} and/or (CHR'').	6
1.2 The reaction pathway for the ROP of a cyclic ester by the coordination-insertion mechanism.	8
1.3 Reaction schemes for intermolecular and intramolecular transesterification reactions.	9
1.4 Tin(II) 2-ethylhexanoate or stannous octoate (SnOct ₂).	10
1.5 The main ROP mechanism proposals with SnOct ₂ as catalyst that the complexation of a monomer and alcohol prior to ROP.	11
1.6 The main ROP mechanism proposals with SnOct ₂ as catalyst that the formation of a tin alkoxide before ROP.	12
1.7 Conversion of lactic acid into high molecular weight polylactide requires the preparation of high-purity lactide as the monomer intermediate.	12
2.1 Chemical structure of L-lactide.	26
3.1 The main ROP mechanism proposed by Kricheldorf <i>et al.</i> [1995]	91
3.2 The main ROP mechanism proposed by Penczek <i>et al.</i> [1998]	92
3.3 Chain alcoholysis by hydroxyl end group.	92

ABBREVIATIONS

LL	L-lactide
CL	ϵ -caprolactone
PLL	poly(L-lactide)
PCL	poly(ϵ -caprolactone)
DLPLA	poly(DL-lactide)
LPLA	poly(L-lactide)
PGA	polyglycolide
PDO	poly(dioxanone)
PGA-TMC	poly(glycolide- <i>co</i> -trimethylene carbonate)
PGA-LPLA	poly(L-lactide- <i>co</i> -glycolide)
PGA-DLPLA	poly(DL-lactide- <i>co</i> -glycolide)
LPLA-DLPLA	poly(L-lactide- <i>co</i> -DL-lactide)
PDO-PGA-TMC	poly(glycolide- <i>co</i> -trimethylene carbonate- <i>co</i> -dioxanone)
Poly(LL- <i>co</i> -CL), PLC	poly(L-lactide- <i>co</i> - ϵ -caprolactone)
ROP	ring-opening polymerization
SnOct ₂	stannous octoate
Sn(OnBu) ₂	tin(II) <i>n</i> -butoxide
CDCl ₃	deuterated chloroform
THF	tetrahydrofuran

FT-IR	fourier transform infrared spectroscopy
$^1\text{H-NMR}$	proton nuclear magnetic resonance
$^{13}\text{C-NMR}$	carbon-13 nuclear magnetic resonance
DSC	differential scanning calorimetry
TG	thermogravimetry
DMA	dynamic mechanical thermal analysis
GPC	gel permeation chromatography
SEM	scanning electron microscope
\bar{M}_n	number-average molecular weight
\bar{M}_w	weight-average molecular weight
\bar{M}_v	viscosity-average molecular weight
\bar{M}_w / \bar{M}_n , MWD	molecular weight distribution
PD	polydispersity
T_g	glass transition temperature
T_c	crystallization temperature
T_m	melting temperature
T_d	decomposition temperature
E' , G'	storage modulus
E'' , G''	loss modulus
$\text{Tan } \delta$	phase angle lag, the damping
G^*	complex shear modulus

g	gram
mg	milligram
cm	centimeter
mm	millimeter
μm	micrometer
ml	milliliter
g dl^{-1}	grams per deciliter
g mole^{-1}	grams per mole
mmHg	millimeters of mercury
MHz	megahertz
MPa	megapascal
Pa	pascal
$^{\circ}\text{C}$	degree Celsius
$^{\circ}\text{C min}^{-1}$	degree Celsius per minutes
rpm	round per minute

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