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Resorbable poly(L-lactide) bone plates and screws

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ABBREVIATIONS AND SYMBOLS

acc.	accuracy
AcPase	acid phosphatase
AO	Arbeitsgemeinschaft für Osteosynthesefragen
ASTM	American Society for Testing and Materials
CT	computer tomography
DSC	differential scanning calorimetry
EELS	electron energy-loss spectrometer
EMG	electromyogram
GPC	gel permeation chromatography
HPMC	hydroxypropyl-methylcellulose
ICTA	International Confederation of Thermal Analysis
IMO	imaginary micro-organism
MRI	magnetic resonance imaging
NMR	nuclear magnetic resonance
PDA	polydioxanone
PGA	polyglycolic acid
PEC	poly(ϵ -caprolactone)
PLA	polylactic acid, with specific D/L ratio
PLLA	poly(L-lactic acid), poly(L-lactide)
PMMA	polymethylmethacrylate
PTFE	polytetrafluoroethylene
RER	rough endoplasmic reticulum
TEM	transmission electron microscopy
TLD	thermoluminescence dosimetry
ϵ_b	elongation at break (%)
η	intrinsic viscosity
σ_b	tensile strength at break (Pa)
E	Young's modulus (Pa)
eV	electron Volt
ΔH_m	heat of fusion (Jg^{-1})
Jm^{-2}	Joule per meter square (Nm^{-1})
LiF	Lithiumfluoride
N	Newton
\bar{M}_n	number-average molecular weight (g/mol)
\bar{M}_v	viscosity-average molecular weight (g/mol)
\bar{M}_w	weight-average molecular weight (g/mol)
Pa	Pascal (Nm^{-2})
T_g	glass transition temperature ($^{\circ}C$)
T_m	melting temperature ($^{\circ}C$)

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