

## ERRATA

<b>Page</b>	<b>Errata</b>
iv	Inclusion of an acronyms list (supplement 1)
6	Change: "Figure 1 shows a schematic representation of the major components of an extruder for an injection molding machine" to "Figure 1 shows a schematic representation of the major components of an extruder."
8	Change: "A typical cycle for an injection molding machine is presented in figure 2." to "Major components of an injection molding machine are presented in figure 2."

## SUPPLEMENT 1

### ACRONYMS

ATAF - advanced tissue analysis facility

CMCs - ceramic-matrix composites

CNTs – carbon nanotubes

DCM – dichloromethane

DMEM – Dulbecco's modified eagle's medium

DMF – dimethylformamide

DMSO - dimethyl sulfoxide

DSC - differential scanning calorimetry

DTA - differential thermal analysis

GNP – graphene nanoplatelets

GO - graphene oxide

MMCs - metal-matrix composites

MTT - 3-(4,5-Dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide solution

MWNTs - multi-walled carbon nanotubes

PAA - poly(acrylic acid)

PAN – polyacrylonitrile

PANI – polyaniline

PEN - poly (ethylene-2,6-naphthalate)

PLA – poly(lactic acid)

PLLA - poly(L-lactide)

PMCs - polymer-matrix composites

PMMA – poly(methyl metacrylate)

PP – polypropylene

PVA – poly(vinyl alcohol)

PVC – poly(vinyl chloride)

PVDF – poly(vinylidene fluoride)

RGO – reduced graphene

SEM - scanning electron microscopy

TEM - transmission electron microscopy

$T_g$  - glass transition temperature

$T_m$  - melting temperature