TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

ABBREVIATIONS AND SYMBOLS

Å	Angstrom
ANOVA	Analysis of Variance
ASTM	American Society for Testing Materials
cm	centimeter
EDX	Energy Dispersive X-ray Spectrometry
g	gram
GPa	gigapascal
g/cm^3	gram per cubic centimeter
ISO	International Organization for Standardization
JCPDS	Joint Committee for Powder Diffraction Standards
λ	Lambda
ln	Logarithm
K_{IC}	fracture toughness
kV	kilovolt
m	Weibull moduli
mA	miliampare
min	minute
mm	millimeter
mm^3	Cubic Millimeter
MPa	megapascal
N	Newton
nm	nanometer
pm	picometer
PVA	Polyvinyl Alcohol
SEM	Scanning Electron Microscopy
vol%	percent volume
wt%	percent weight
XRD	X-ray Diffraction

˚C	degree Celsius
%	percent
µm	micrometer