

LIST OF ABBREVIATIONS

1	SICs	Super Ionic Solids
2	SEs	Solid Electrolytes
3	FICs	Fast Ion conductors
4	SPEs	Solid Polymer Electrolytes
5	PE	Polymer Electrolyte
6	PEO	Poly (ethylene oxide)
7	PPO	Polypropylene Oxide
8	PEG	Polyethyleneglycol
9	PVdF	Poly Vinylidene fluoride
10	PVA	Poly Vinyl Alcohol
11	PAM	Polyacrylamide
12	PMMA	Polymethylmetha-acrylate
13	EC	Ethylene Carbonate
14	PC	Propylene Carbonate
15	DEC	Diethyl Carbonate
16	DMC	Dimethyl Carbonate
17	GPE	Gel Polymer Electrolytes
18	BPE	Blend Polymer Electrolytes
19	SHI	Swift Heavy Ion
20	VTF	Vogel-Tamman-Fulcher
21	WLF	William- Landel- Ferry
22	CEM	Configurational Entropy Model
23	SBP	Static Bond Percolation Model
24	DBP	Dynamic Bond Percolation Model
25	QMT	Quantum Mechanical Tunnelling Model
26	JRM	Jump Relaxation Model
27	DSM	Dynamic Structural Model
28	SPT	Small Polaron Tunnelling Model
29	CBH	Correlated Barrier Hopping Model
30	ADWP	Asymmetric Double Well Potential Model
31	FT-IR	Fourier transform infrared spectroscopy
32	XRD	X-ray diffraction
33	DSC	Differential Scanning Calorimetry
34	SEM	Scanning electron microscope
35	DTA	Differential Thermal Analysis
36	TGA	Thermo-gravimetric Analysis
37	DMA	Dynamic Mechanical Analysis
38	EIS	Electrochemical impedance spectroscopy
30	JPL	Jonscher's Power law
40	NSPT	Non-overlapping Small Polaron Tunneling model

