

## ABBREVIATIONS

%/sec	=	Percentage / Second
AAFS	=	American Academy of Forensic Sciences
AATCC	=	American Association of Textile Chemists and Colorists
Ag <sup>+</sup>	=	Silver ions
Ag <sup>0</sup>	=	Silver nanoparticles
AgNO <sub>3</sub>	=	Silver nitrate
AgNPs	=	Silver nanoparticles
AOTI	=	Accumulative one-way transport index
AS	=	Standards Australia
ASTM	=	American Society for Testing and Materials
BM	=	Bending modulus
BSI	=	British Standards Institution's
CD	=	Cross Direction
CP	=	Calotropis (Calotropis Procera)
CS	=	Chemical Syntheiss
d.nm	=	Diameter in nanometer
DDW	=	Double Distiled Water
DLS	=	Dynamic Light Scattering
Dt	=	Diffusion coefficient
E	=	Extract
EC or E. coli	=	Escherichia Coli
EDANA	=	European Disposables and Nonwovens Association
EDAX or EDS	=	Energy Dispersive X-Ray Spectroscopy
ESEM	=	Environmental Scanning Electron Microscopy
FTIR	=	Fourier Transform Infrared Spectroscopy
GC-MS	=	Gas chromatography–Mass spectrometry
gm/cc	=	Gram per Cubic centimeter
Gpl	=	Gram per Litter
GS	=	Green Synthesis
GSM or g/m <sup>2</sup>	=	Gram per Square Meter

ISO	=	International Organization for Standardization
KeV	=	Kilo-electronvolts
M	=	Mole
m/z	=	mass-to-charge ratio
m <sup>3</sup> /m <sup>2</sup> /h	=	meter <sup>3</sup> /meter <sup>2</sup> /hour
MD	=	Machine Direction
MEM	=	Minimum Essential Medium
mM	=	Millimole
mm/sec	=	Millimeter / Second
MMT	=	Moisture Management Tester
mS	=	milli Siemens
MTT	=	3(4,5-dimethyl-thiazol-2-yl)-2,5-diphenyltetrazolium bromide
NB	=	Nutrient Broth
NCIM	=	National Collection of Industrial Microorganisms
NIST	=	National Institute of Standards
NI/m <sup>2</sup> /h	=	Normal liter/meter <sup>2</sup> /hour
nm	=	Nanometer
NPs	=	Nanoparticles
OMMC	=	Overall Moisture Management Capabilities
PBS	=	Phosphate-Buffered Saline
PDI	=	Polydispersity Index
PP	=	Polypropylene
PV	=	Polyester/Viscose blend
RT	=	Retention Time
S	=	Sliver (AgNO <sub>3</sub> )
SA or S. aureus	=	Staphylococcus Aureus
SEM	=	Scanning Electron Microscopy
SMMMS	=	Spunbond-Meltblown-Meltblown-Meltblown-Spunbond
SMS	=	Spunbond-Meltblown-Spunbond
SN	=	Swiss Norms
SPR	=	Surface Plasmon Resonanc
T %	=	Transmittance Percentage
T or t	=	Treated

't <sub>95</sub> '	=	Table 't' value at 95% Confidence level
't <sub>99</sub> '	=	Table 't' value at 99% Confidence level
't <sub>cal</sub> '	=	Calculated 't' value
UPF	=	Ultra-violet Protection Factor
UT or ut	=	Untreated
UV	=	Ultra-violet
UVA	=	Ultraviolet A
UVB	=	Ultraviolet B
UV-VIS	=	Ultraviolet-Visible
VCCO	=	Visual Colour Change Observation
X	=	Magnification level
ZOI	=	Zone of Inhibition