

The work described in this thesis was carried out by the undersigned at the industrial technology institute and university of Moratuwa under the supervision of Dr. Shantha Walpolage, senior lecturer, Department of chemical and process Engineering , University of Moratuwa. A report on this has not been submitted to any university for another degree. Also I certify that this thesis does not include, without acknowledgement, any materials previously submitted for a Degree in any University and to best of my knowledge and belief that it does not contain any material previously published, written or orally communicated by another person, except where due reference is made in this text.

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LIST OF ABBREVIATIONS

Cp	- centipoises
DRC	- Dry Rubber content
FA	- Fatty acids
HA	- High Ammonia
HFA	- Higher Fatty Acid
LA	- Low Ammonia
LATZ	- Low Ammonia latex preserved with ZnO and TMTD
KOH No:	- Potassium Hydroxide Number
MRPRA	- Malaysian Rubber Produces Research Association
MS	- Mechanical Stability
MST	- Mechanical Stability Time
mS	- Milliseiman
NCRT	- National College of Rubber Technology
NR	- Natural Rubber
NRL	- Natural Rubber Latex
RRIM	- Rubber Research Institute of Malaysia
RRISL	- Rubber Research Institute of Sri Lanka
VFA	- Volatile Fatty Acid
VFA No:	- Volatile Fatty Acid Number
TMTD	- Tetra Methyl Thiuram Disulphid
TSC	- Total Solid Content
ZDC	- Zinc diethyl dithiocarbomate



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