

CONTENTS

<u>General</u>	<u>Remark</u>	Page No.
1.	<u>Introduction</u>	1
1.1	Cashewnut Shell Liquid (CNSL)	2
1.2	Methods for aromatic polyamide preparation.	6
1.2.1	Interfacial polymerisation method	11
1.2.2	Solution polymerisation method	12
2.	<u>Present Investigation, Results and Discussion</u>	17
2.1	2-Alkyl substituted benzenediamines	18
2.1.1	Characterisation of MBDA and PBDA	20
2.2	Polyamides	21
2.2.1	Characterisation of polymers	22
3.	<u>Experimental</u>	33
3.1	Materials	33
3.2	2-Methyl-1,4-benzenediamine (Toluene-2,5-diamine)(MBDA)	34
3.3	Cashewnut shell liquid and anacardol	36
3.4	2-Pentadecyl-1,4-benzenediamine (PBDA)	39
3.5	Polyamide synthesis	40
3.6	Instrumental method	42
4	<u>References</u> :	44