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APPENDIX

## APPENDIX

## Melt Flow Index

The melt flow rate were determined by Melt Indexer Model 2050.



Table B The Raw Data of the Melt Flow Rate of Glass Fiber Reinforced Polypropylene at any Holding Time

Holding Time (min(s))	Melt Flow Rate* (g/30 sec)	Melt Flow Rate** (g/10 min)	Holding Time (min(s))	Melt Flow Rate (g/30 sec)	Melt Flow Rate (g/10 min)
Original			10		
	0.3264	6.53		0.9559	19.12
	0.1970	3.94		1.01289	22.58
	0.3200	6.40		0.7389	14.78
	0.2952	5.90		0.7631	15.26
	0.3420	6.84		0.7588	15.18
	0.2008	4.02		0.4881	9.76
	0.2615	5.23		0.7822	15.64
	0.2018	4.04		0.7675	15.35
	0.2618	5.36		0.5698	11.40
	0.2742	5.48		0.6986	13.97
	0.2806	5.61		1.1463	22.93
	0.3202	6.40	x	0.7998	16.00
	0.1981	3.96	S.D.	0.21	4.11
	0.2048	4.10	20		
	0.2401	4.80		0.8880	17.76
	0.2719	5.44		0.5009	10.02
	0.1995	3.99		1.1356	22.71
	0.2098	4.20		0.5895	11.79
	0.2077	4.15		1.1742	23.48
	0.1995	3.99		1.2479	24.96
	0.2078	4.16		1.0642	21.28
x	0.2489	4.98		1.1530	23.06
S.D.	0.05	1.01	x	0.9692	19.38
0			S.D.	0.28	5.66
	0.7535	15.07	30		
	0.7780	15.56		1.0369	20.74
	0.9585	19.17		0.8847	17.69
	0.7549	15.10		1.5457	30.91
	0.9524	19.05		1.2191	24.38
	0.9291	18.58		1.1008	22.02
	0.6849	13.70		1.3460	26.92
	0.6084	12.17		1.3561	27.12
	0.6003	12.01		1.3205	26.41
x	0.7800	15.60		1.6137	32.27
S.D.	0.14	2.79		1.4069	28.14
5			x	1.2830	25.66
	0.9820	19.64	S.D.	0.23	4.53
	1.0107	20.21			
	0.9401	18.80			
	0.6078	12.16			
	0.5530	11.06			
	0.7925	15.85			
	0.7843	15.69			
	0.7415	14.83			
	0.7204	14.41			
	0.7679	15.36			
	0.9542	19.08			
	0.6019	12.04			
	0.6616	13.23			
x	0.7783	15.57			
S.D.	0.15	3.07			

\* From experimental

\*\* From calculation



## VITA

Miss Suphatrar Thanchaiying was born on December 7, 1967 in Nakornratchasima, Thailand. She received her B.Sc. degree in Chemistry from the Faculty of Science, Khonkaen University in 1990 and she has been a graduate student in the Multidisciplinary Program of Petrochemistry - Polymer, Petrochemistry Division, Graduate School, Chulalongkorn University in 1990.