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APPENDIX

A-1 Experimental results on effect of CHMDMS concentration.

Ethylene Content (%mol)	CHMDMS/Ti (wt/wt)	Tm (C)	Tc (C)	II* (%)	Mw	Mn	Q(Mw/Mn)
0.0	136	161	111	98.3	215843	41774	5.17
0.0	100	161	115	98.3	258650	33739	7.67
0.0	64	161	114	98.3	215962	39515	5.47
0.0	28	160	113	96.6	248467	36073	6.89
1.0	136	157	112	92.4	228931	38473	5.95
1.0	100	156	111	90.0	240748	42532	5.66
1.0	64	156	112	84.6	207593	31326	6.63
1.0	28	157	111	79.7	253322	42690	5.93
2.3	136	146	109	81.8	258168	32781	7.88
2.3	100	149	111	76.1	228972	41955	5.46
2.3	64	148	110	70.6	240059	40350	5.95
2.3	28	148	110	66.7	218198	40538	5.38
3.3	136	142	97	73.0	359396	30828	11.66
3.3	100	142	97	63.3	339002	33749	10.04
3.3	64	142	96	55.6	340443	37066	9.18
3.3	28	141	95	48.1	305240	37281	8.19

* II = Isotactic Index

A-2 Experimental results on effect of ethylene content.

CHMDMS/Ti (wt/wt)	Ethylene Content (%mol)	Tm (C)	Tc (C)	II* (%)	Mw	Mn	Q(Mw/Mn)
28	0.0	160	113	96.6	248467	36073	6.89
28	1.0	157	111	79.7	253322	42690	5.93
28	2.3	148	110	66.7	218198	40538	5.38
28	3.3	141	95	48.1	305240	37281	8.19
64	0.0	161	114	98.3	215962	39515	5.47
64	1.0	156	112	84.6	207593	31326	6.63
64	2.3	148	110	70.6	240059	40350	5.95
64	3.3	142	96	55.6	340443	37066	9.18
100	0.0	161	115	98.3	258650	33739	7.67
100	1.0	156	111	90.0	240748	42532	5.66
100	2.3	149	111	76.1	228972	41955	5.46
100	3.3	142	97	63.3	339002	33749	10.04
136	0.0	161	111	98.3	215843	41774	5.17
136	1.0	157	112	92.4	228931	38473	5.95
136	2.3	146	109	81.8	258168	32781	7.88
136	3.3	142	97	73.0	359396	30828	11.66

CURRICULUM VITAE

Name : Mr. Sawad Wongprechasawad

Birth Date : December 7, 1968

Nationality : Thai

University Education:

1987-1990 Bachelor's Degree of Engineering in Chemical Engineering, Chulalongkorn University

Working Experience:

1991-1993 Chemical Engineer
Siam Fiber Cement Co., Ltd.

1994-1997 Process Engineer
Thai Polyethylene Co., Ltd.