

Eden Research Laboratory

To: XXXX

Date: May 24, 2016

Update

From: Thomas Poth

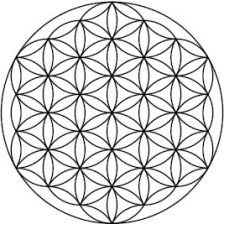
Number of pages including cover: 2

Regarding: ASTM D5511-12 Transilwrap HIPS & PP Samples (672 days)

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	Inculum	Negative	Positive	979 - Transilw rap - Control	980 - Transilw rap - HIPS Treated	981 - Transilw rap - Control	982 - Transilw rap - PP Treated
Cumulative Gas Volume (mL)	2515.7	2265.8	9546.1	3629.4	13189.4	6166.7	23637.8
Percent CH ₄ (%)	46.0	46.7	38.4	40.1	48.7	0.0	49.9
Volume CH ₄ (mL)	1156.1	1057.7	3661.5	1455.2	6422.7	0.0	11790.4
Mass CH ₄ (g)	0.83	0.76	2.62	1.04	4.59	0.00	8.42
Percent CO ₂ (%)	38.9	37.6	43.0	39.4	36.5	37.1	36.8
Volume CO ₂ (mL)	979.0	852.9	4103.9	1429.2	4815.9	2285.7	8702.6
Mass CO ₂ (g)	1.92	1.68	8.06	2.81	9.46	4.49	17.09
Sample Mass (g)	1,000	10	10	20.0	20.0	20	20
Theoretical Sample Mass (g)	0.0	8.6	4.2	18.5	18.5	16.7	16.7
Biodegraded Mass (g)	1.14	1.02	4.16	1.55	6.02	1.22	10.98
Percent Biodegraded (%)		-1.4	71.5	2.2	26.4	0.5	58.7



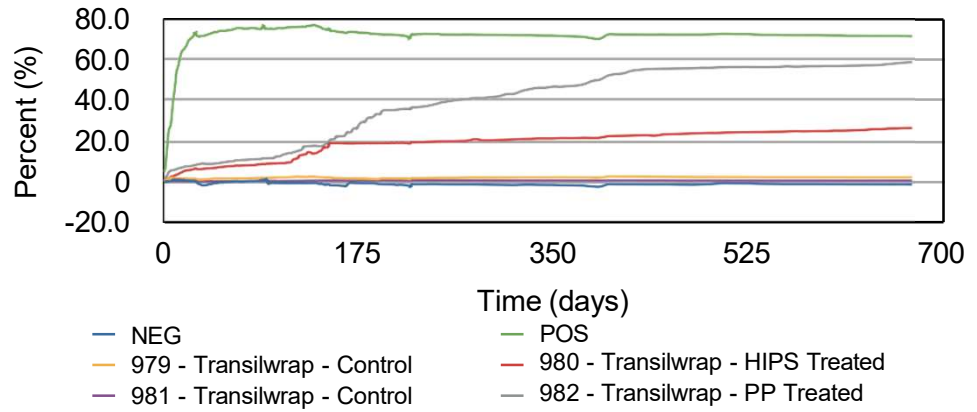
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Biodegradation



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