

Eden Research Laboratory

Update

To: EcoLogic

Date: March 23, 2014

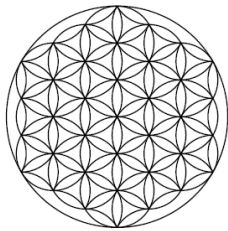
From: Thomas Poth

Number of pages including cover: 2

Regarding: ASTM D 5511-12 Update for EcoLogic PVC Samples (125 Days)

2111 Menaul NE, Suite A
Albuquerque, NM 87107
T 505.508.3994
M 505.550.9316
thomas.poth@edenresearchlab.com

	Inculum	Negative	Positive	507 - Film .15mm PVC Control	508 - Film PVC with 1% EcoOne EX112 0.15mm
Cumulative Gas Volume (mL)	1178.4	1078.2	8626.8	1528.6	7817.1
Percent CH ₄ (%)	30.2	31.9	31.8	34.5	40.6
Volume CH ₄ (mL)	356.0	344.3	2745.8	527.3	3169.9
Mass CH ₄ (g)	0.25	0.25	1.96	0.38	2.26
Percent CO ₂ (%)	45.7	41.2	46.1	41.1	38.1
Volume CO ₂ (mL)	538.9	444.5	3975.9	627.8	2981.1
Mass CO ₂ (g)	1.06	0.87	7.81	1.23	5.86
Sample Mass (g)	1,000	10	10	11.0	8.0
Theoretical Sample Mass (g)	0.0	8.6	4.4	4.2	3.1
Biodegraded Mass (g)	0.48	0.42	3.60	0.62	3.30
Percent Bio- degraded (%)		-0.7	70.6	3.3	91.7



Eden Research Laboratory

Update

2111 Menaul NE, Suite A

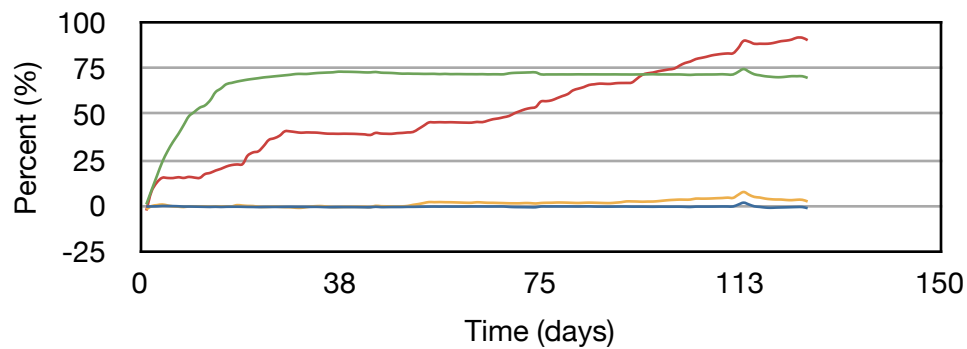
Albuquerque, NM 87107

T 505.508.3994

M 505.550.9316

thomas.poth@edenresearchlab.com

Biodegradation



Biodegradation

