

Eden Research Laboratory

To: [Redacted]

Date: November 4, 2018

From: Thomas Poth

Number of pages including cover: 1

Regarding: Aerobic Research ASTM D6691 for Samples in 250 days

# Update

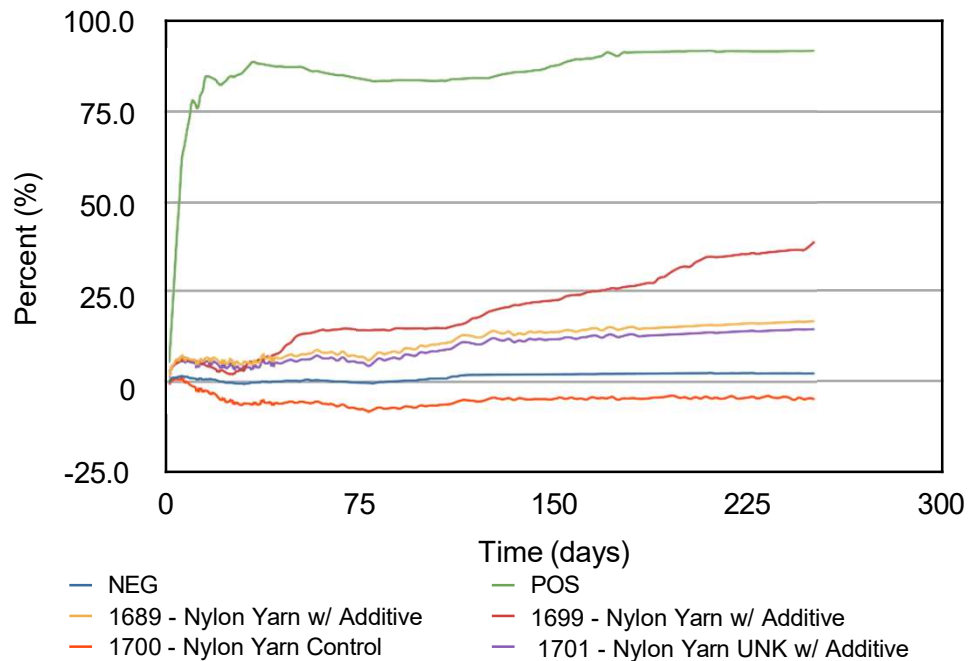
2111 Menaul NE, Suite A  
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T 505.508.3994

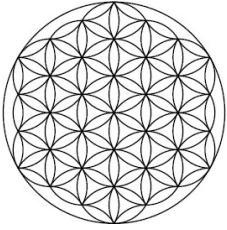
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	Inculum	Negative	Positive	1689 - Nylon Yarn w/ Additive	1699 - Nylon Yarn w/ Additive	1700 - Nylon Yarn Control	1701 - Nylon Yarn UNK w/ Additive
Cumulative Gas Volume (mL)	16.8	22.3	82.9	37.5	58.3	13.2	33.0
Percent CO <sub>2</sub> (%)	90.1	83.9	88.3	84.3	90.2	83.1	87.6
Volume CO <sub>2</sub> (mL)	15.2	18.7	73.2	31.6	52.6	11.0	28.9
Mass CO <sub>2</sub> (g)	0.030	0.037	0.144	0.062	0.103	0.02	0.06
Sample Mass (g)		0.080	0.080	0.080	0.080	0.080	0.080
Theoretical Sample Mass (g)		0.069	0.034	0.051	0.051	0.1	0.1
Biodegraded Mass (g)	0.008	0.010	0.039	0.017	0.028	0.006	0.015
Percent Biodegraded (%)		2.8	92.0	17.2	39.2	-4.4	14.4

## Biodegradation





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## Biodegradation

