Eden Research Laboratory

Up-date

2412 Menaul NE, Suite E
Albuquerque, NM 87107
T 505.508.3994
M 505.550.9316
thomas.poth@edenresearchlab.com

To: UC San Diego

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From: Thomas Poth

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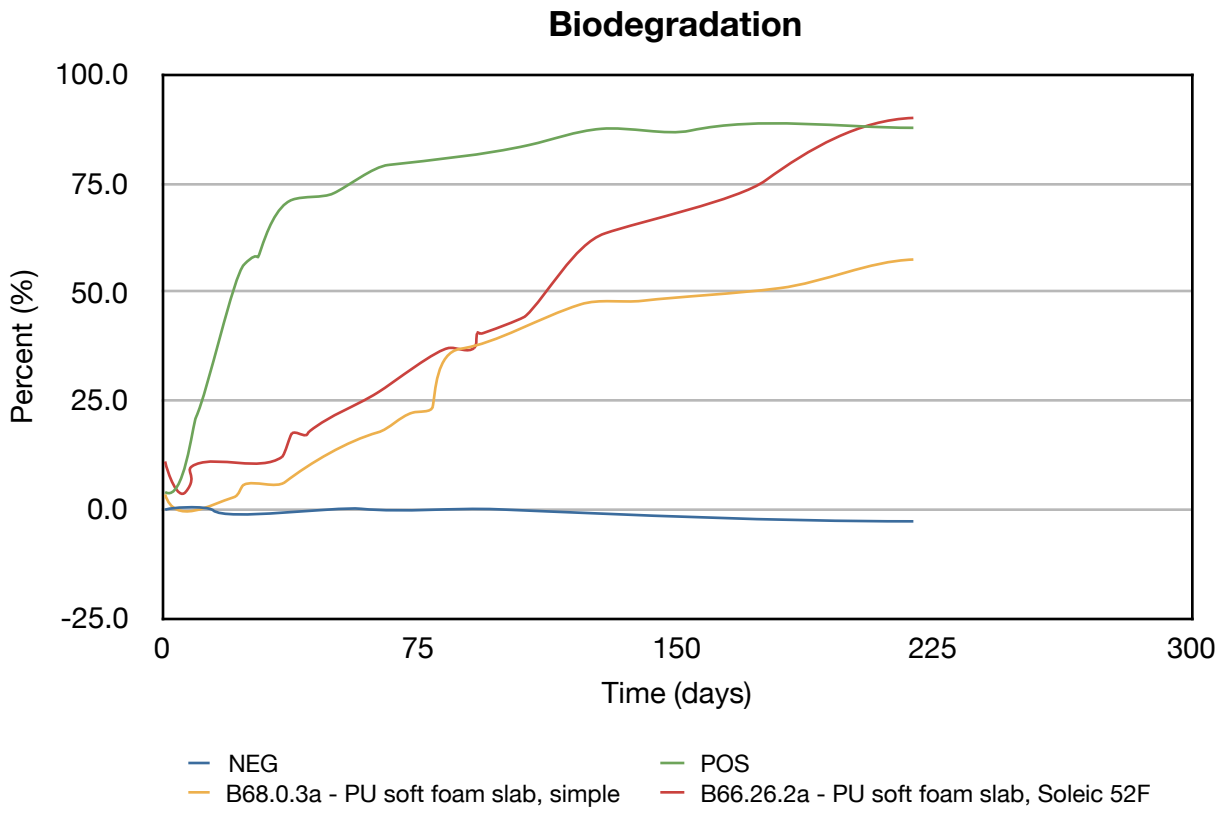
Regarding: D5338 Sample ERL#2735 & 2736 (219 days)

	Inculum	Negative	Positive	B68.0.3a - PU soft foam slab, simple	B66.26.2a - PU soft foam slab, Soleic 52F
Cumulative Gas Volume (mL)	1935.8	1539.4	10070.6	8461.6	12654.5
Percent CO_2 (%)	72.4	63.3	82.6	87.7	85.5
Volume CO_2 (mL)	1401.9	974.6	8321.2	7417.6	10822.1
Mass CO_2 (g)	2.75	1.91	16.35	14.57	21.26
Sample Mass (g)	1,000	10	10	10.0	10.0
Theoretical Sample Mass (g)	0.0	8.6	4.2	5.6	5.6
Biodegraded Mass (g)	0.75	0.52	4.46	3.97	5.80
Percent Biodegraded (%)		-2.7	87.8	57.5	90.1
Adjusted Percent Biodegraded (%)		-3.0	100.0	65.5	102.6

* Adjustment is assuming the cellulose if fully biodegraded and all others are proportionally adjusted. For informational purpose only. This is not part of the D5338 method.