

COMPARISON OF TIMELINES (1.0 mil)
Approximations

<u>LOCATION</u>	<u>PLA</u>	<u>OXO-BIO</u>	<u>OMNI-FILM</u>
Backyard Compost	No	No	6 Mths
Municipal Compost (8 weeks)	No	No	No
Aerobic Landfill	No	No	1-2 years
Anaerobic Landfill	No	No	2-5 years
River, Lake, Ocean	No	No	1-2 years
Recycle Stream	No	No	YES
Shelf-Stable	No	No	YES

Notes : PLA K-Cups have been rejected by major Commercial Composts. They want materials to decompose in 3-8 weeks and the K-Cups do not decompose even after 33 weeks So, PLA forks, knives, K-Cups, etc. must be raked out of the compost piles and be trucked to landfills at additional cost. PLA also uses 50 % more Petroleum energy than Regular Plastics. (Scientific American Aug. 2000).

Oxo-Bio without 6 hrs sunlight, cannot degrade under any conditions. Then they only become microbeads that get into the food-chain.

All films take longer to degrade at higher gauges.