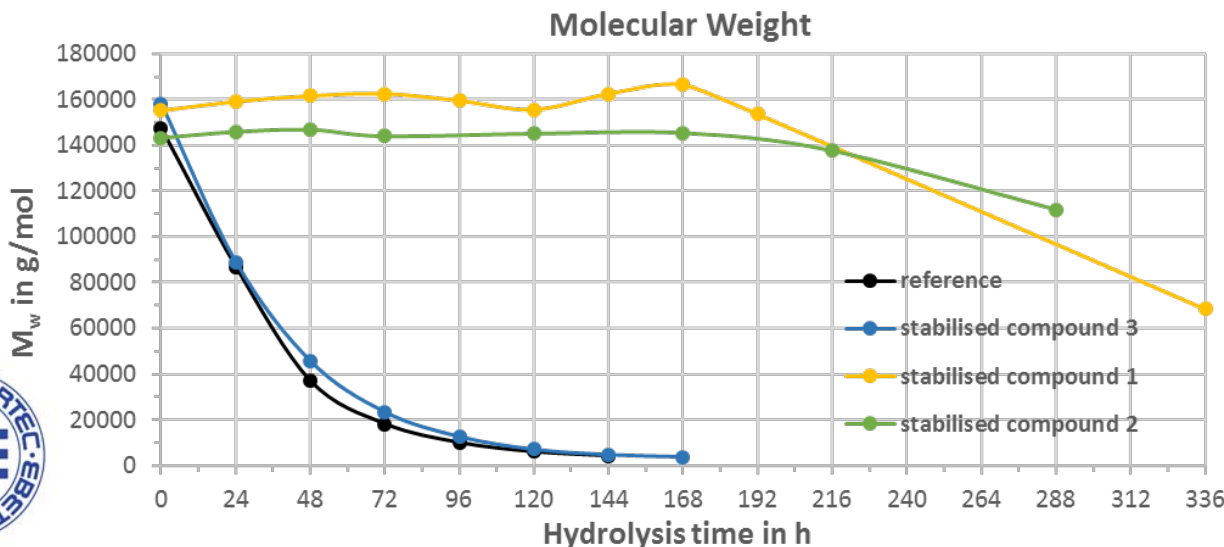




Hydrolysis trials on stabilised PLA compounds

Hydrolysis trials performed by MIRTEC proved the high hydrolytic stability of compounds developed in BIO4SELF compared to the reference PLA materials

- Compression molded films of stabilized and reference PLA compounds were exposed to controlled hydrolysis conditions (T, RH) for up to 10 days.
- During this period the MW and [-COOH] concentration were regularly monitored.
- Results showed that using specific stabilization recipes, the hydrolysis of PLA is significantly restricted.



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