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## Fast Pyrolysis Kinetics of Post-Consumer HDPE: Investigating the Effect of Vapor Residence Time (VRT) on Reaction Products



10.1126/science.adh1853

Collected condensable products, then quantified mass of light oil, heavy oil based on GC-Polyarc-FID

[3] Li, H.; et al. Hydroformylation of pyrolysis oils to aldehydes and alcohols from polyolefin waste. Science. 2023, 381, 6658, 660-666. DOI: