

# The material balance of process of plasma-chemical conversion of polymer wastes into synthesis gas

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## Abstract

© Published under licence by IOP Publishing Ltd. The process of conversion of polymer wastes in the flow of water-steam plasma which are created by the liquid electrodes plasma generators was experimentally studied. The material balance was calculated. The regularities of the participating of hydrogen and oxygen which contained in the water-steam plasma, in formation of chemical compounds in the final products were revealed.

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