

- The complete combustion of propane, C_3H_8 , in air gives water and carbon dioxide as the products? Write a balanced equation for this reaction.

Marks
7

What mass of oxygen is required for the complete combustion of 454 g of propane and what masses of CO_2 and H_2O are produced?

Explain the “law of conservation of mass”. Show whether or not the above combustion conforms to this law.