

## **CHAPTER 3**

### **METHODOLOGY**

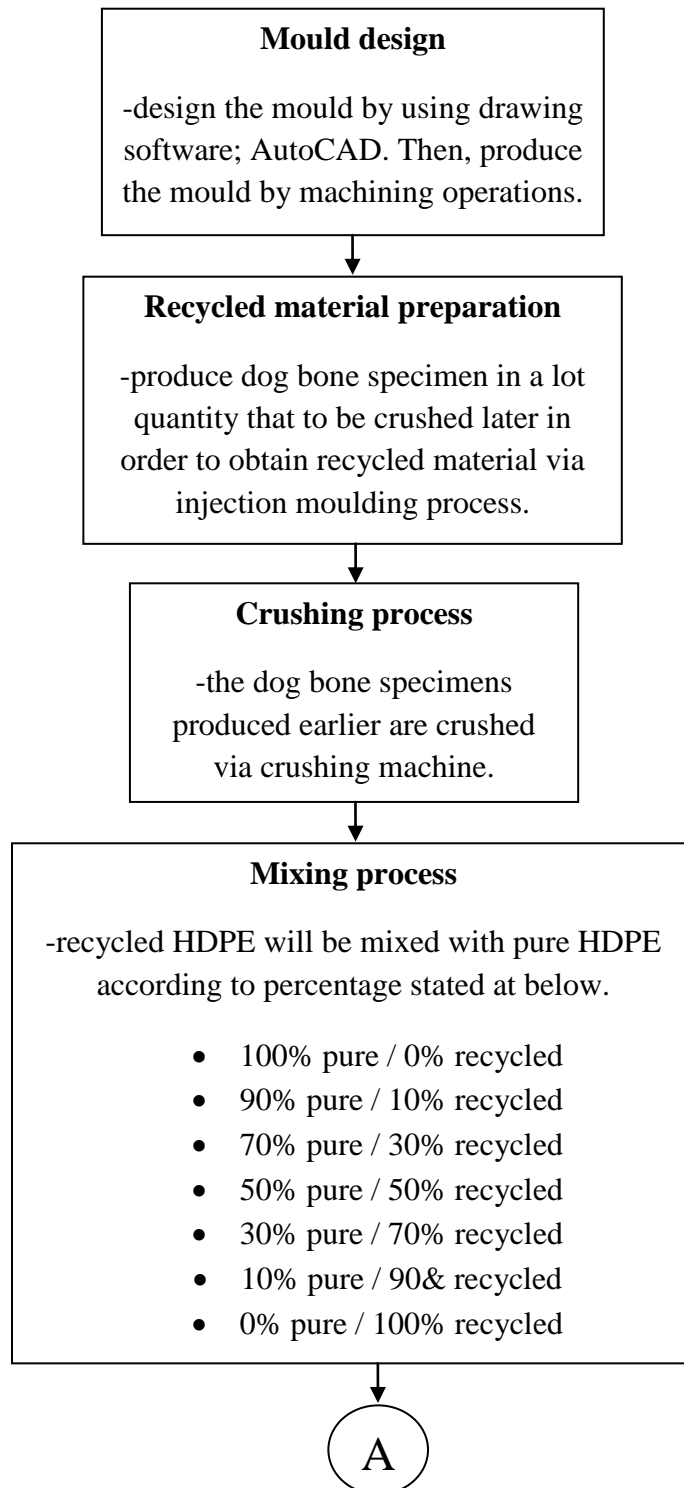
#### **3.1 INTRODUCTION**

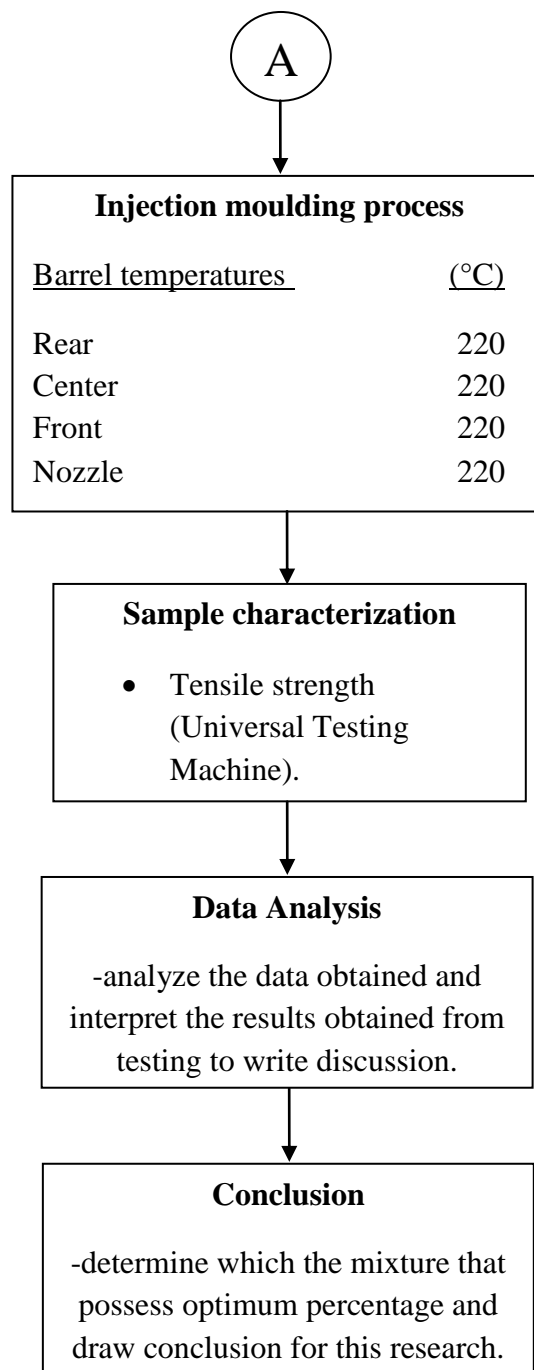
Methodology is an important element where it specifically describes the method to achieve the objectives of this research. Methodology is used in order to make sure the progress of the project will follow the flow from the beginning until the end of the project.

In this project, there are four major stages that have been involved. They were:

- i. Mould design
- ii. Material preparation
- iii. Material processing
- iv. Samples testing

The flow of process for this project is illustrated in a methodology flow chart (See Figure 3.1). Flowchart is a visual representation of the sequence of the project. The flowchart shown will give the whole picture of this project from the initial step until the final step.





**Figure 3.1:** Flowchart that illustrate on experimental methodology.