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MANUFACTURING PROCESS USING CAD/CAM TECHNOLOGY

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ABSTRACT

With the advanced in technology in computers, today's manufacturing are made easier. Complicated design are completed at a much faster rate with the availability of such engineering application softwares.

Taking full advantage of the available CAD/CAM facilities the authors designed and analysed a two plate mould with two cavities for thermoplastic component.

This report on **MANUFACTURING PROCESS USING CAD/CAM TECHNOLOGY** is divided into 9 chapters. They are:-

Chapter 1 - introduces the overview of the project.

Chapter 2 - recognises the equipment used and introduction to the application software.

Chapter 3 - discusses the mould development, mould study and material used.

Chapter 4 - display the mould calculations (manually) and discusses the analysis carried out using Moldflow.

Chapter 5 - introduces the proposed mould design.

Chapter 6 - discusses the use of I-deas families.

Chapter 7 - faces the cost of production.

Chapter 8 - discussion of the project and

Chapter 9 - is the authors conclusion.