Content

Acknowledgement II
Table of contents III
Executive summary V

Chapter 1 Introduction. 1
Chapter 2 Development of Petrochemical in Malaysia 5
Chapter 3 Value Chain Analysis 15

Thermoplastics 15
Injection Moulding Machine 16
The Value Chain in Plastic Injection Moulding Business 17

Chapter 4 Competitive Analysis 25
Chapter 5 Prospects, Challenges and
Potential of thermoplastic injection moulding business. 34

Chapter 6 Conclusion and recommendations. 46

Bibliography 49
List of figures

Fig. 1: Plastic production and consumption in Malaysia for 1997 10
Fig 2: New capacity by year 1999 – 2001 10
Fig 3: Structure of Injection Moulding Companies in Selangor – 1997 12
Fig 4: Flow chart of Thermoplastic raw material

Fig 5: A simple diagram of an injection moulding machine & injection mould

Fig 6: Typical value chain for company manufacturing own product

Fig 7: Typical value chain for custom moulder

Fig 8: Forces driving industrial competition

Fig 9: Global tooling cost & lead-times

List of tables

Tab. 1: Custom moulder in Selangor

Tab. 2: Hybrid in Selangor

Tab. 3: Own product manufacturer in Selangor

Tab. 4: Summary of Injection Moulding Company in Selangor – year establish

Tab. 5: Summary of Injection Moulding Company in Selangor – number of employee