



اَوْنَبُوْرُ سَيِّدِي تَيْكُنُوْلُوْ كِي مَارَا
UNIVERSITI
TEKNOLOGI
MARA



KIBARU MANUFACTURING Sdn. Bhd.
Leading Manufacturer of Rubber Components in Asia Pacific

COMPANY ANALYSIS

KIBARU MANUFACTURING Sdn. Bhd

TECHNOLOGY ENTREPRENEURSHIP (ENT600) : CASE STUDY

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In the name of Allah, The Beneficent, The Merciful. Everything that I write here is sincerely from my heart. Gratitude to Allah, with the grace bestowed by Him has facilitated my affairs in completing the case study that has been entrusted to me.

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Yours sincerely,

Mohamad Nazirul Naim Bin Shani Gapur

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EXECUTIVE SUMMARY

Kibaru Manufacturing Sdn Bhd is a company located in Sungai Petani, Kedah. This is manufacture company of rubber material. This company have produced a lot of rubber products including moulded natural rubber. Based on the SWOT analysis that I have make from this product, I have found some weakness about this moulded natural rubber product. The problem with this product is poor in weather resistant because the rubber having decomposition process when expose to ultraviolet light. Beside that, the process of making moulded natural rubber will produce the chemical gases that endanger human health.

The solution for the first problem which is poor in weather resistant is by changing the material of moulded rubber which is natural rubber to CSM synthetic rubber that have the stronger chemical bonding so that it will become more resistance to temperature extremes and ultraviolet light. The second problem which is bad gases produce from vulcanization process when making the moulded natural rubber is replace human energy with robotic energy so the worker will not expose to the harmful gases.

After I have eliminate the weakness of moulded rubber by making the new product, I hope my company can compete with Kibaru and other rubber manufacturer.

2.3 Products / Services

TYPES OF PRODUCTS / SERVICES	DETAILS	APPLICATIONS
<p>EXTRUDED NATURAL / SYNTHETIC RUBBER PRODUCTS</p> 	<p>✚ Rubber extrusion is a part forming process.</p>	<ul style="list-style-type: none"> ▪ Seals for electronics and electrical equipment ▪ End plugs ▪ Peristaltic tubing ▪ Outdoor electrical enclosures ▪ Architectural and window seals
<p>EPDM ELASTOMERS PROFILES</p> 	<p>✚ EPDM is conformable, impermeable and a good insulator.</p>	<ul style="list-style-type: none"> ▪ Tubing ▪ Bumpers ▪ Outdoor Electrical Enclosures Seal ▪ Automotive ▪ Plastic case seals
<p>MOULDED NATURAL & SYNTHETIC RUBBER PRODUCTS</p> 	<p>✚ Rubber moulding is a moulding process that produces a usable and variety shape of rubber product.</p>	<ul style="list-style-type: none"> ▪ Custom for electronic, automotive, and medical rubber parts etc ▪ Bellows ▪ Medical elbow connectors ▪ Appliance scratchproof feet
<p>NATURAL / SYNTHETIC RUBBER SEALS & GASKETS</p> 	<p>✚ Rubber become connector between two components or flanges that have flat surfaces.</p>	<ul style="list-style-type: none"> ▪ Industrial and commercial instruments and equipment's seals and gaskets ▪ Industrial louvers and HVAC equipment ▪ Peristaltic tubing ▪ Gaskets and seals for electronics and electrical equipment