


**NorMAD**  
the culture norm

## NORMAD

### EXPLORATION OF HDPE PLASTIC WASTE IN HOME DECORATION DESIGN

#### PRODUCT DESCRIPTION

This research focuses on the exploration and experimenting of High - Density Polyethylene (HDPE) plastic waste as material for home decoration design. Labelled as No. 2 plastic, it is typically found in plastic bags and refillable plastic bottles. It has the nature of lightweight, malleable, weather resistance and is considered a low hazard plastic. Not known to leach any chemicals that are suspected of causing cancer or disrupting hormones. Many recycled HDPE is used to manufacture lawn and garden products, buckets, crates, office products and automotive parts. Thus this research tries to explore the potential of this material as in home decoration design. In addition, this research could solve the problem of disposal of solid waste.

#### COMMERCIALISATION POTENTIAL

Low production cost but high return of investment.

Material used can be expand to other products.

Minimalist design that is suitable for all types of home.

#### TARGET AUDIENCE

Home decor enthusiast

Minimalist lover

#### NOVELTY / INVENTION

Home decoration designs are made from recyclable materials (HDPE).

Cost effective and environmental friendly.

Natural look from the materials is maintained for the finished product.



COASTER

MINI LAMP

#### Project Members

Maizatul Nurhuda Saadon (Team Leader)

Mohamad Faizuan Mat, Siti Shahida Kamel,

Noorhaslina Senin, Mohamad Zamhari Abol Hassan

UNIVERSITI MALAYSIA SARAWAK