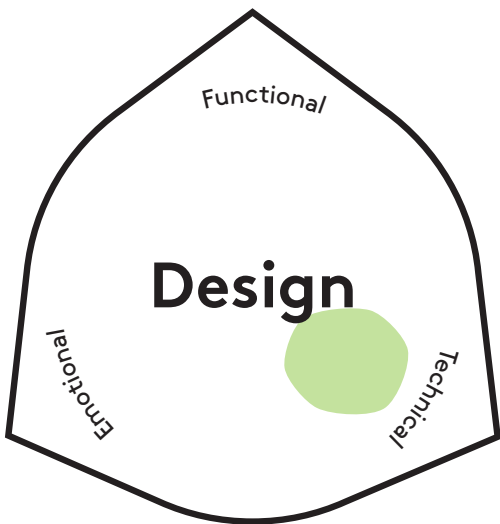


# Mono-Material



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## WHAT?

A product that is composed of a single type of material or a product with components that each are made of a single type of material and that can be split apart.

## WHY?

Mono-materials can ease material re-use and recycling of a product.

## CHALLENGES

- There are limited possibilities for re-utilisation due to lack of facilities that process into new high value materials.
- Compromises on for example functionality and quality of the product may be necessary.

## EXAMPLES

- Mono material can be a creative constraint and concept, see for example **Pleats Please** made in 100% polyester by **Issey Miyake**.
- The chair, **Nobody** by **Komplot Design** is produced in 100% polyester fibre mat without any additives or additional materials for assembly or reinforcement.

## THIS CARD LINKS TO

/ Design for Disassembly / Modularity / Re-Use / Up-Cycling

## FURTHER READING

Gwilt (2014). *A Practical Guide to Sustainable Fashion*. A&C Black / Kappelgaard et al. (2011). *Living Lightly – Sustainable Fashion*. Design School Kolding, Kolding, pp. 51-63 / Vezzoli & Manzini (2010). *Design for Environmental Sustainability, Chapter 8: Extending the Lifespan of Materials*. Springer, pp. 171-180.