Mono-Material

Design

Functional

Technical

Emotional
Mono-Material

**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**