

## Lukki Chair

Design: Ilmari Tapiovaara, 1951



### SUSTAINABILITY

Artek products are manufactured in series. The nature of its products, however, and the materials it uses stand opposed to purely mechanical and fully automated processing. Combining modern production methods with expert handcraftsmanship, Artek furniture is manufactured in keeping with the original vision of Alvar Aalto.

Regional sourcing, sustainability, and safety are pursued without compromise, both by Artek and its partners, ensuring ethical manufacture and design of the highest quality. Knowing how products are made where raw materials are sourced, and the ethical and environmental impacts involved, is part and parcel of responsible consumerism. Artek aims to be completely transparent, and its products – built to endure, easy to adjust or adapt – are more relevant than ever.

Environmentally responsible, safety orientated, and made to last, Artek furniture, lighting, and accessories are continuously and thoroughly tested so that the Artek name guarantees not only design excellence, but highest quality. Regardless of whether an item or component is produced at Artek's factory in Finland or by one of the company's carefully selected partners, rigorous standards are met.

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### MATERIALS

#### VENEER, PLYWOOD

Wood is a renewable, natural raw material. All veneers and plywood used for the Lukki Chair are coming from well-managed forests in the region of manufacture. All the wood products used by Artek satisfy the emission category E1 and therefore emit less than 0.1 ppm formaldehyde.

**STEEL** is a stable compound of iron and carbon with various added alloys. At the end of the product life cycle, steel components can be melted down and completely recycled.

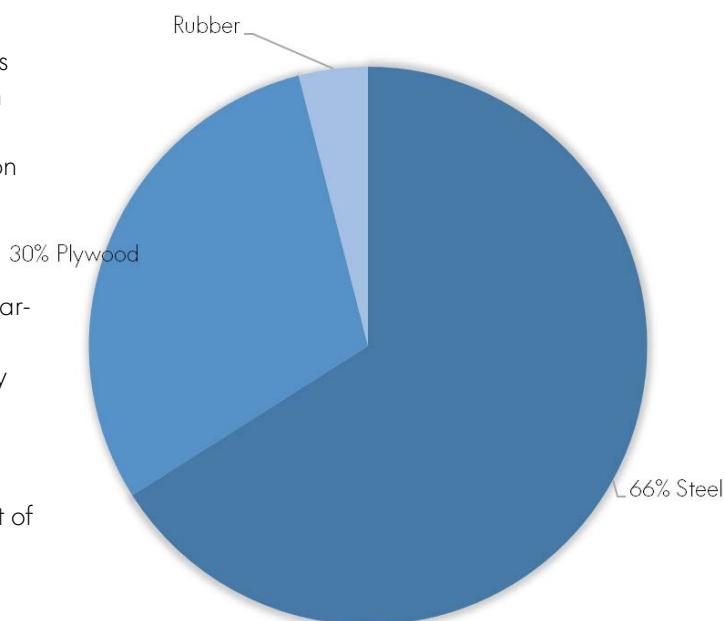
**POLYPROPYLENE** is a very strong thermoplastic synthetic material. With the addition of a small amount of new material, polypropylene can be 100% recycled.

#### RECYCLABILITY

Plywood can be used thermally to generate energy or can be crushed and recycled as materials into new engineered wood materials.

#### PACKAGING

Lukki Chair comes in a corrugated cardboard box.



Material used in Lukki Chair. Approximate volume percentages.