

RYNO[®] DINING CHAIR 2.0

UNWEIGHTED SMART TOOLING

ECO AUDIT



Materials

Component	Material	Weight	Carbon (kg CO ₂)	End of life plan
1	LDPE	11kg	18	Recycle
2	PE	0.05kg	0.1	Recycle

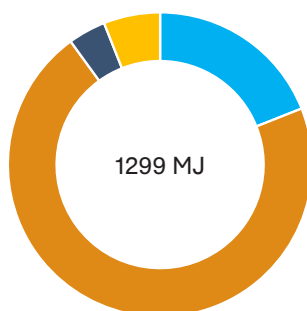
Additives	Yes/No
Flame retardant	No
UV stabilizer	Yes
Anti-microbial	No
Other	No

Summary

Phase	Total
Product (kg CO ₂)	51kg CO ₂
Total energy (MJ)	1299 MJ
Recycled content (%)	0%
Recyclability (%)	100%
Total packaging (kg)	1.34kg CO ₂
Life warranty	25 years
FSC	n/a

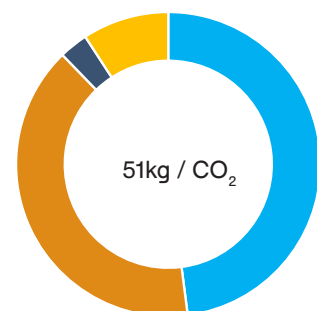
Energy footprint [%]

Transport	●	19
Materials	●	71
Manufacturer	●	4
Disposal	●	6
Total		1299 MJ



Carbon footprint [%]

Transport	●	47
Materials	●	39
Manufacturer	●	3
Disposal	●	9
Total		51kg / CO ₂



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Chemical compliance

Name	Yes/ No
REACH	✓
RoHS	✓
Free from PVC, heavy metals, phthalates	✓
Free from Persistent Organic Pollutants (POPs)	✓

Environmental statement

Our commitment to sustainability is demonstrated in our **ISO 14001:2015** award, our **FSC® Chain of Custody certificate INT-COC-001353** and licence code **FSC-C015370**. In addition, we are certified under PEFC Chain of Custody licence code **PEFC/16-37-982**.

The environment is everyone's responsibility and we do our part by endeavouring that all of our timber originates from responsibly managed forests. As supporters of the tradition of good forest management, we purchase only suitably certified timber wherever possible.

Products in our Ryno® range are made from 99% low-density polyethylene which is completely recyclable. When the products reach the end of their useful life, they can be ground down into small granules and used to create new pieces of furniture.

Environmental product analysis

Data collected has been analyzed and calculated by the Materials & Sustainability team.

Certification

Description	Accreditation
Quality Assurance	ISO 9001 (UKAS accredited)
Environmental Management	ISO 14001 (UKAS accredited)
Sustainability	FISP
Chain of Custody	FSC® and PEFC

