

ENVIRONMENTAL PROFILE

LIFE CYCLE ASSESSMENT (LCA)

LCA is carried out are based on ISO 14040 and ISO 14044.
Impact categories and results reporting are based on EF 3.1 (PEF- Product Environmental Footprint)



Name of product:	OX-ON Eyewear Slim Basic Dark
Art. No.:	94945
Functional unit:	1 Safety glass
Reference flow:	1 Piece
LCA standard:	ISO 14040 and ISO 14044
LCA database:	Sphera LCA for Experts software ver. 10.9.3.0 – MLC data base content version 2025.02
Externally verified:	No
Issued / calculation date:	Nov. 2025
Calculation boundaries:	Cradle to Grave
Date for new calculation:	Nov. 2030
Producent / Importør:	OX-ON A/S
Calculation done by:	Sustainability Team, ABENA Global Operations A/S
Climate change*	0,588 kg CO2 eq. / reference flow
Water use*	0,140 m3 world eq. / reference flow

LCA – CO2 emissions distribution per life cycle stage

Raw material:	0,140 kg CO2 eq. / reference flow
Production:	0,377 kg CO2 eq. / reference flow
Transport:	0,006 kg CO2 eq. / reference flow
End of life:	0,065 kg CO2 eq. / reference flow

Official disclaimer

The LCA modelling and calculation methods are based on ISO 14040/44. The impact categories and result reporting are based on EF 3.1* (PEF – Product Environmental Footprint). Calculations are performed for the functional unit/reference flow indicated, and with incineration as end of life option.

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