

Product Carbon Footprint Dashboard

Reading Glasses +4 | Generated: Sep 17, 2026

Total PCF (per unit)

0.8258 kg CO2e

Total Carbon Footprint Lifecycle Stage Breakdown

0.8258 kg CO2e

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Raw Materials & Packaging (Scope 3, Cat 1)	90.5% (0.7474 kg CO2e)
Upstream Electricity (Scope 3, Cat 3)	6.4% (0.0530 kg CO2e)
International Logistics (Scope 3, Cat 4)	3.1% (0.0254 kg CO2e)

Carbon Intensity

0.8258 kg CO2e/unit

Carbon Impact by Top Materials

Polycarbonate (Frame)	50.0% (0.4125 kg CO2e)
CR-39 (Lenses)	26.6% (0.2200 kg CO2e)
Polyester (Cloth/Pouch)	6.4% (0.0525 kg CO2e)
Stainless Steel (Hinges)	3.3% (0.0274 kg CO2e)

Top Material Hotspot

Polycarbonate