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# Product Carbon Footprint for yyvohhkoli

**21.81 kgCO<sub>2</sub>e / unit**

## Total Product Footprint Lifecycle Stage Breakdown Recommendations for Emission Reduction

Use Phase	12.50 kg CO <sub>2</sub> e (57.3%)
<input type="checkbox"/> <b>**Optimize Use Phase:**</b> Design for greater energy efficiency and educate users on sustainable operation.	
Materials & Components	6.75 kg CO <sub>2</sub> e (30.9%)
<input type="checkbox"/> <b>**Decarbonize Supply Chain:**</b> Engage suppliers to source lower-carbon materials and promote green manufacturing.	
Carbon Intensity	2.20 kg CO <sub>2</sub> e (10.1%)
<input type="checkbox"/> <b>**Renewable Energy Integration:**</b> Increase renewable energy procurement for production facilities to reach the current 30%.	
Transportation & Distribution	0.28 kg CO <sub>2</sub> e (1.3%)
<input type="checkbox"/> <b>**Logistics Optimization:**</b> Refine transport routes and explore lower-emission transport modes for both upstream and downstream.	
End-of-Life Phase	0.08 kg CO <sub>2</sub> e (0.4%)
<input type="checkbox"/> <b>**Strengthen Circular Economy:**</b> Expand take-back and refurbishment programs to maximize material value and extend product lifespans.	

### Top Material Hotspot