



Greenhouse Gas Emissions Tables

Use the tables below to keep track of the greenhouse gas emissions associated with each step of the life cycle.

Remember: CO₂ = Carbon dioxide CH₄ = Methane N₂O = Nitrous oxide kg = kilogram

Plastic Resin Set

Stage of Life Cycle	CO ₂ Emissions (kg/set)	CH ₄ Emissions (kg/set)	N ₂ O Emissions (kg/set)
Oil and Natural Gas Extraction			
Refining Oil/Processing Natural Gas			
Manufacturing Polypropylene			
Manufacturing Plastic Furniture			
Use			
Disposal			
TOTAL EMISSIONS			

Cast Aluminum Set

Stage of Life Cycle	CO ₂ Emissions (kg/set)	CH ₄ Emissions (kg/set)	N ₂ O Emissions (kg/set)
Bauxite Mining (for 1/2 Primary Material)			
Processing Aluminum (1/2 Primary and 1/2 Secondary)			
Furniture Manufacturing			
Use			
Disposal (Recycling Aluminum)			
TOTAL EMISSIONS			

Pine Set

Stage of Life Cycle	CO ₂ Emissions (kg/set)	CH ₄ Emissions (kg/set)	N ₂ O Emissions (kg/set)
Sustainable wood production			
Wood Processing/Lumber production			
Pressure Treatment			
Furniture Manufacturing			
Use			
Disposal			
TOTAL EMISSIONS			