

Product(s)	Which part of product	Material	Stage of LCA	CO2-eq (kg) * per kg	Units	Amount of part used in functional unit of product	Units	Calculated CO2-eq (kg)	Energy (MJ) per kg	Units	Amount of part used in functional unit of product	Units	Calculated energy (MJ)
Gazebo (Set 1)	Dome Roof	Polycarbonate	Material extrusion	0.434	kg/kg	25	kg	10.85	5.78	MJ/kg	25	kg	144.5
			Material processing	2.8464	kg/kg	25	kg	71.16	37.97	MJ/kg	25	kg	949.25
			Manufacturing	4.53	kg/kg	25	kg	113.25	100	MJ/kg	25	kg	2500
			End-of-life	5.02	kg/kg	25	kg	125.5	65.3	MJ/kg	25	kg	1632.5
	Body (Pillars)	Low Carbon Steel	Material extrusion	0.392	kg/kg	63.08	kg	24.72736	5.76	MJ/kg	63.08	kg	363.3408
			Material processing	832.61	kg/kg	63.08	kg	52521.0388	12093.06	MJ/kg	63.08	kg	762830.2248
			Manufacturing	2.1	kg/kg	63.08	kg	132.468	32.3	MJ/kg	63.08	kg	2037.484
			End-of-life	0.606	kg/kg	63.08	kg	38.22648	8.51	MJ/kg	63.08	kg	536.8108
Gazebo (Set 2)	Dome Roof	Soda-Lime Glass	Material extrusion	0	kg/kg	35	kg	0	0	MJ/kg	35	kg	0
			Material processing	2.84	kg/kg	35	kg	99.4	37.39	MJ/kg	35	kg	1308.65
			Manufacturing	0.796	kg/kg	35	kg	27.86	11.1	MJ/kg	35	kg	388.5
			End-of-life	0.556	kg/kg	35	kg	19.46	9.11	MJ/kg	35	kg	318.85
	Body (Pillars)	Stainless steel	Material extrusion	0.781	kg/kg	64.53	kg	50.39793	10.4	MJ/kg	64.53	kg	671.112
			Material processing	963.6018	kg/kg	64.53	kg	62181.22415	12845.9	MJ/kg	64.53	kg	828945.927
			Manufacturing	5.71	kg/kg	64.53	kg	368.4663	76.2	MJ/kg	64.53	kg	4917.186
			End-of-life	1.31	kg/kg	64.53	kg	84.5343	16.7	MJ/kg	64.53	kg	1077.651
Floor crystals light (Set 1)	Body	Polycarbonate	Material extrusion	0.434	kg/kg	1	kg	0.434	5.78	MJ/kg	1	kg	5.78
			Material processing	2.8464	kg/kg	1	kg	2.8464	37.97	MJ/kg	1	kg	37.97
			Manufacturing	4.53	kg/kg	1	kg	4.53	100	MJ/kg	1	kg	100
			End-of-life	5.02	kg/kg	1	kg	5.02	65.3	MJ/kg	1	kg	65.3
Floor crystals light (Set 2)	Body	Polypropylene	Material extrusion	0.487	kg/kg	1	kg	0.487	5.87	MJ/kg	1	kg	5.87
			Material processing	2.6268	kg/kg	1	kg	2.6268	31.776	MJ/kg	1	kg	31.776
			Manufacturing	3.06	kg/kg	1	kg	3.06	65.9	MJ/kg	1	kg	65.9
			End-of-life	4.26	kg/kg	1	kg	4.26	66.3	MJ/kg	1	kg	66.3
Tables and Chairs in Gazebo (Set 1)	Body	Plywood	Material extrusion	0	kg/kg	55	kg	0	0	MJ/kg	55	kg	0
			Material processing	1.0407	kg/kg	55	kg	57.2385	13.866	MJ/kg	55	kg	762.63
			Manufacturing	1.48	kg/kg	55	kg	81.4	24.7	MJ/kg	55	kg	1358.5
			End-of-life	1.78	kg/kg	55	kg	97.9	19.8	MJ/kg	55	kg	1089
Tables and Chairs in Gazebo (Set 2)	Body	Stainless steel	Material extrusion	0.781	kg/kg	50	kg	39.05	10.4	MJ/kg	50	kg	520
			Material processing	963.6018	kg/kg	50	kg	48180.09	12845.9	MJ/kg	50	kg	642295
			Manufacturing	5.71	kg/kg	50	kg	285.5	76.2	MJ/kg	50	kg	3810
			End-of-life	1.31	kg/kg	50	kg	65.5	16.7	MJ/kg	50	kg	835

CO2:

	Gazebo (Set 1)	Gazebo (Set 2)	Floor Crystal Lights (Set 1)	Floor Crystal Lights (Set 2)	Tables and Chairs in Gazebo (Set 1)	Tables and Chairs in Gazebo (Set 2)
Material extrusion	35.57736	50.39793	0.434	0.487	0	24.54379191
Material processing	52592.1988	62280.62415	2.8464	2.6268	57.2385	163598.7435
Manufacturing	245.718	396.3263	4.53	3.06	81.4	1212.758478
End-of-life	163.72648	103.9943	5.02	4.26	97.9	443.015718

Energy:

	Gazebo (Set 1)	Gazebo (Set 2)	Floor Crystal Lights (Set 1)	Floor Crystal Lights (Set 2)	Tables and Chairs in Gazebo (Set 1)	Tables and Chairs in Gazebo (Set 2)
Material extrusion	507.8408	671.112	5.78	5.87	0	520
Material processing	763779.4748	830254.577	37.97	31.776	762.63	642295
Manufacturing	4537.484	5305.686	100	65.9	1358.5	3810
End-of-life	2169.3108	1396.501	65.3	66.3	1089	835

