

Table 5 List of materials and their properties

The materials listed in Table 5 are used for the construction of the reactor. The materials are selected based on their physical and chemical properties. The materials are: CVD diamond (high purity, high strength), stainless steel (316L), copper, aluminum, titanium, and Inconel 625. The materials are used for the construction of the reactor chamber, the heating elements, the gas inlets, the gas outlets, the cooling system, and the control system. The materials are selected based on their physical and chemical properties. The materials are: CVD diamond (high purity, high strength), stainless steel (316L), copper, aluminum, titanium, and Inconel 625. The materials are used for the construction of the reactor chamber, the heating elements, the gas inlets, the gas outlets, the cooling system, and the control system.

Table 6 List of materials and their properties

- 1) The material is stainless steel (316L), which is used for the construction of the reactor chamber. The material is selected based on its physical and chemical properties. The material is: stainless steel (316L).
- 2) The material is copper, which is used for the construction of the heating elements. The material is selected based on its physical and chemical properties. The material is: copper.
- 3) The material is aluminum, which is used for the construction of the gas inlets and gas outlets. The material is selected based on its physical and chemical properties. The material is: aluminum.
- 4) The material is titanium, which is used for the construction of the cooling system. The material is selected based on its physical and chemical properties. The material is: titanium.

Table 7 List of materials and their properties

The materials listed in Table 7 are used for the construction of the reactor. The materials are selected based on their physical and chemical properties. The materials are: stainless steel (316L), copper, aluminum, titanium, and Inconel 625. The materials are used for the construction of the reactor chamber, the heating elements, the gas inlets, the gas outlets, the cooling system, and the control system.

Materials: 3, 4, 5, 6, 8, 10

Dimensions: 1650x2140mm, 2140x3300mm, 2250x3300mm, 3300x3660mm

Table 8 List of materials and their properties

Windows are used for the construction of the reactor.

The materials listed in Table 8 are used for the construction of the reactor. The materials are selected based on their physical and chemical properties. The materials are: stainless steel (316L), copper, aluminum, titanium, and Inconel 625. The materials are used for the construction of the reactor chamber, the heating elements, the gas inlets, the gas outlets, the cooling system, and the control system.

The materials listed in Table 8 are used for the construction of the reactor. The materials are selected based on their physical and chemical properties. The materials are: stainless steel (316L), copper, aluminum, titanium, and Inconel 625. The materials are used for the construction of the reactor chamber, the heating elements, the gas inlets, the gas outlets, the cooling system, and the control system.

Materials: stainless steel, copper, aluminum, titanium, Inconel 625

Materials: stainless steel, copper, aluminum, titanium, Inconel 625

Online Coated Reflective Glass Performance Data

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2. Online Coated Reflective Glass Performance Data

3. Online Coated Reflective Glass Performance Data

4. Online Coated Reflective Glass Performance Data

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Color	Thickness	Visible Light Transmittance	Visible Light Reflectance	UV Light Transmittance	Direct Light Transmittance	Direct Sunlight Reflectance	Total Solar Transmittance	shading coefficient (SC)	RHG	K Value (Summer Daytime)	K Value (Winter Night)
Euro Bronze	5mm	25.78%	16.60%	2.73%	35.79%	14.70%	47.73%	0.54	0.505	5.272	5.843
	6mm	20.45%	16.32%	2.03%	29.70%	14.85%	43.08%	0.48	0.463	5.243	5.808
Euro Grey	5mm	24.96%	15.62%	3.85%	32.98%	14.02%	45.76%	0.51	0.488	5.272	5.843
	6mm	21.26%	15.36%	3.05%	28.01%	13.37%	42.15%	0.47	0.457	5.243	5.808
Dark Grey	5mm	24.93%	17.13%	4.68%	32.67%	15.22%	45.24%	0.51	0.482	5.272	5.843
	6mm	20.82%	14.09%	3.50%	27.39%	12.71%	41.83%	0.47	0.455	5.243	5.808
Light Blue	5mm	28.47%	31.89%	4.39%	30.29%	22.01%	41.80%	0.47	0.445	5.256	5.824
	6mm	25.33%	31.63%	3.54%	28.14%	21.17%	38.85%	0.44	0.419	5.243	5.808
Dark Blue	5mm	23.35%	13.46%	12.07%	43.49%	18.44%	52.68%	0.59	0.548	5.272	5.843
	6mm	18.79%	11.79%	10.23%	38.68%	17.19%	49.32%	0.55	0.517	5.243	5.808
F-Green	5mm	28.40%	35.11%	3.13%	24.11%	19.91%	37.61%	0.42	0.409	5.272	5.843
	6mm	26.43%	34.12%	2.76%	20.76%	18.66%	35.37%	0.40	0.39	5.243	5.808
Dark Green	5mm	27.31%	26.52%	4.36%	28.14%	16.63%	41.46%	0.47	0.446	5.272	5.843
	6mm	25.40%	24.35%	4.06%	26.15%	15.15%	40.30%	0.45	0.438	5.243	5.808
Silver White	5mm	50.58%	34.10%	13.87%	58.00%	25.85%	61.89%	0.70	0.625	5.272	5.843
	6mm	42.75%	38.11%	9.47%	52.31%	28.29%	56.99%	0.64	0.578	5.243	5.808

For reference only

Online Coated Reflective Glass Performance Data



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