



HPL

High-Pressure Laminate

Overview:

High-Pressure Laminate (HPL) is a durable and versatile material used in cabinetry and furniture. Made by pressing layers of paper with phenolic resin under high heat and pressure, HPL is widely used in kitchens, commercial spaces, and healthcare facilities due to its exceptional durability and aesthetic versatility.

HPL is known for its high impact resistance, excellent durability, and resistance to scratches, heat, and stains. It comes in a variety of designs, including solid colors, wood grains, and stone patterns, making it popular for both functional and decorative uses. It is easy to clean and maintain, ideal for environments where hygiene and longevity are important.

Technical Data:

Testing Method	Parameter	Result
GB/T 20284	Burning rate index	97.1
	Flame horizontal spread LFS<Specimen edge	YES
	Total heat released in the first 600 seconds	6.2
	Smoke production rate index	31.5
	Total smoke production in the first 600 seconds	120.1
	Combustion drippings/particles	NONE
GB/T 8626	60s inner flame tip height no more than 150mm	YES
Ignite 30 seconds	Whether the drips will ignite the filter paper within 60 seconds	NONE

Upon testing, the sample has been found to meet the requirements of GB 8624-2012 for the classification of fire performance of building materials and products, in terms of the fire performance level of flat building materials and products, namely Class B1(B).