

Heat Insulation
Paper /
Insulation Film /
Insulation Acrylic
Resin /
Insulation Film (Glass) /
Flame Retardant
Foam

Out with old traditions, in with
new energy saving options

加美嘉華

KAMIKAWA
PHOTONICS
& MATERIALS
LIMITED



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About Kamikawa Photonics & Materials

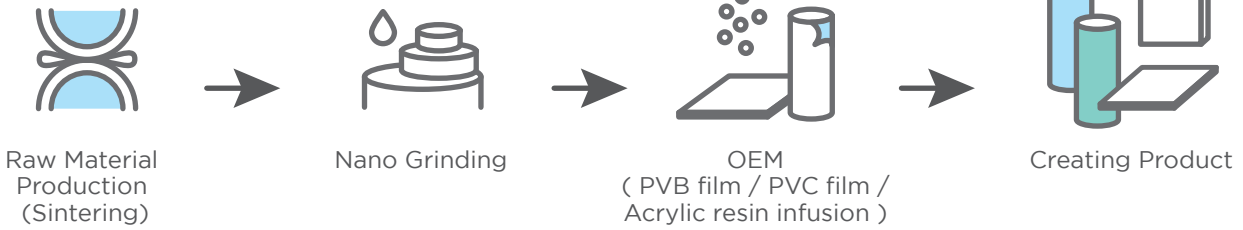
Kamikawa Photonics & Materials Limited is a production plant that is invested by Sungiant Chemicals Corp. that is dedicated to the development of heat insulation materials and wishes to contribute to the environment. With this in mind, Kamikawa applies the liquid slush with heat insulation features onto different materials, not only to increase economic value for the diverse products but also develop heat insulation paper/insulation film/insulation acrylic resin/insulation film (glass) that is able to have high transparency and block high infrared rays. This could reducing air-conditioning and provide well lit environment eco-friendly needs, achieving a win win situation for both economic and environmental sides.

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Product Technology



Product Introduction

Ruishi Heat insulation paper	Ruishi Insulation film	Mingmei Insulation film (glass)	Mingmei Insulation acrylic resin	Mingmei Flame retardant foam
<p>Applied not applied</p>	<p>*Have various style</p>	<p>*Various color to choose from</p>		
<p>It uses precision coating to apply nano heat insulation coating onto the heat insulation paper, which is able to block infrared and ultraviolet rays, have high heat insulation yet still maintains high light transparency. Furthermore, it does not interfere with electronic equipment signals (ETC GPS). From raw materials to production to finished goods, the whole process is made in Taiwan (MIT).</p>	<p>The nano heat insulation is mixed into the PVC particles and the nano heat insulation liquid slush could block the heat insulation and maintain the light transparency by absorbing the infrared light (800-2000nm). In addition, as it uses atmospheric pressure and electrostatic fundamental principles to stick onto glass, it allows it to be DIY in homes, which is convenient to use and able to be pasted multiple times. Moreover, it not only have high resilience to heat but retains high light transparency, but also a non-reflective material that will not cause reflection or glare phenomenon, allowing it suitable to home use.</p>	<p>Heat insulation laminated glass means that there is a layer of nano heat insulation film in between 2 sheets of glass. It has a better heat insulation effect than just multi-layer glass, and able to help lower the temperature indoors, reduce air conditioning and lighting expenses, therefore achieve the main goal of energy saving, carbon reduction and cutting down on expenses.</p>	<p>Heat insulation acrylic resin that is added with nano insulation liquid slush which absorbs the infrared light (800-2000nm) is able to achieve the effect of insulating the heat source. This allows it to lower the indoor temperature in the summer and raise it up in the winter, reducing air conditioner. In addition, it has high transparency, high heat insulation, good performance in processing, great weather resistance and chemical resilient features. Furthermore, when comparing with glass, it is only half its weight, is resistant 7-18 times more when facing fragmentation and can endure 10 times more impact. Therefore, it could be widely used in building materials, lighting, product display, industrial use, transportation...etc.</p>	<p>Using the original foam material as its basis, the product is being upgraded to achieve the features of high durance, fireproof and soundproof. This could replace the traditional partition walls, the exterior building stone walls, fireproof doors...etc.</p>

*Various data regarding the product is provided, for details please go to the official www.kamikawa.com.tw

Product Features



Break away from the traditional concept of "the darker it is the colder it gets, the brighter it is the hotter it gets"



Lowers the consumption and reduce the burden of indoor air-conditioning



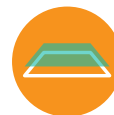
It blocks the ultraviolet light and heat from the sun rays, letting only the needed sunlight indoors.



Nano-tech heat insulation technology, energy saving, UV resistant, high light transparency



Prevent direct exposure to UV light that will cause furniture to age quickly



Using atmospheric pressure and electrostatic fundamental principles, it is easy to stick onto any smooth and flat surfaces instead of using adhesive tape.

