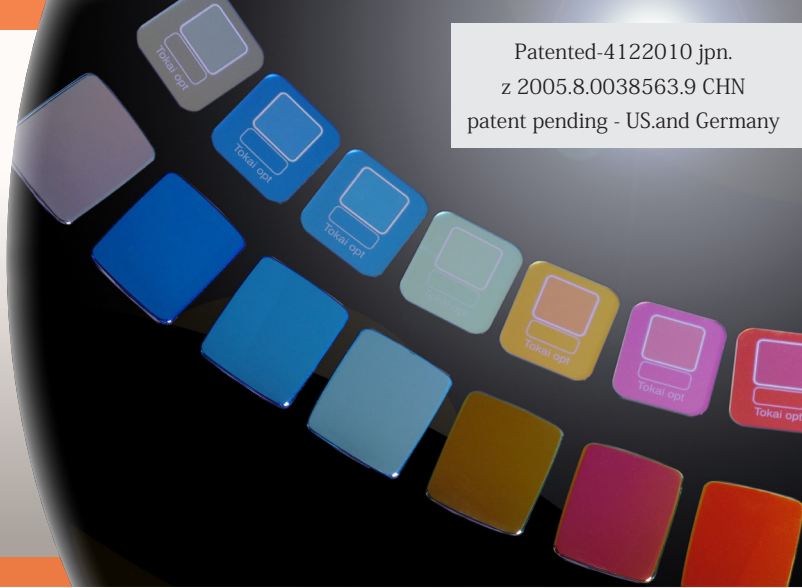


be Artistic

New possibility for your products

Color IR Window

Patented-4122010 jpn.
z 2005.8.0038563.9 CHN
patent pending - US.and Germany

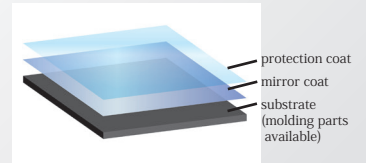


Feature

- Arbitrary reflected colors can be applied in the visible light range without harming the transmittance of infrared radiation by dielectric multilayer coating where the absorption and reflectance properties of visible light and the transmission property of infrared radiation are optimally designed.
- Generally, protect covers in black color are used to hide infrared communication modules, etc. With Color IR Window, however, you can make them so colorful that the products can be given more stylish designs.
- We are ready to offer a suggestion for various products. Please consult us about the machining method or optical properties.

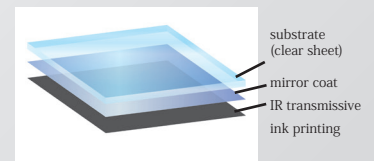
Front Surface Coat Type

Color coat can be applied on to dark infrared transmissive plastic. Also, anti dirt scratch coating is available on it's top.

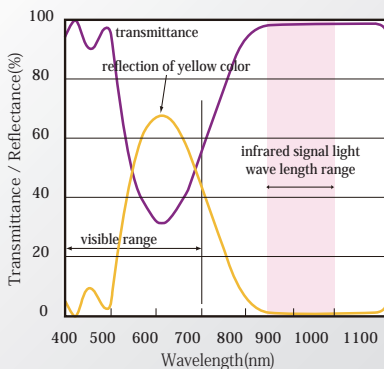


Back Surface Coat Type

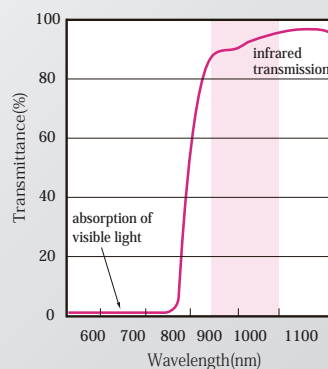
Under the color layer, infrared transmissive black ink layer is applied to hide the inside and to enhance the color reflection. This configuration is suitable to print any characters and/or patterns.



Spectral Property



Light reflectance and transmittance of dielectric multi-layer thin film

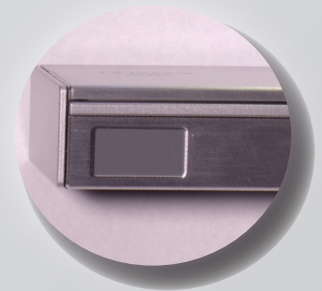


Light reflectance of dielectric multi-layer thin film with base material

Application Examples



Bordeaux color IR window on IrDA communication port of smart phone



Silver color IR window of remote controller



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