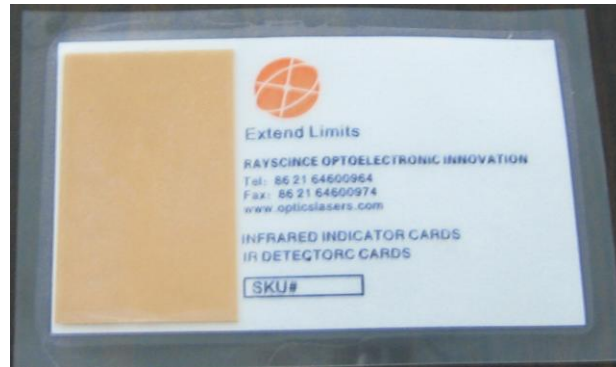


Infrared indicator card



Model No: HT582

Active area: 10x10mm, 30x50mm; Size: 6x10cm, thickness: 0.3mm, plastic film sealed.

Model	Colour	Emitting peak wavelength (µm)	Emitting Wavelength (nm)	UV emitting	Radiation wavelength (µm)
HT612	red	1.0-1.3	630	red	0.7-1.5
HT582	orange	0.85-1.2	585	orange	0.7-1.3
HT513	green		520	green	
HT412	blue/green	0.94-1.06	490	blue/green	0.90-1.2
HT320	blue		470	blue	
HT111	Red/blue/green	0.98	610,450, 520	----	0.94-1.06

PHYSICAL PROPERTIES:

ITEMS	DESCRIPTION
Composition	Rare Earth Inorganic Crystal (no toxicant)
Average Particle Size	1-10 micron (smaller particle size can be made accordingly)
Abradability & Humidity resistance	Good
Temperature Resistance	Property remains unchanged with temperature from under zero 50 centigrade degree (long time) to 1000 centigrade degree (1hr)

Ultraviolet Rays Resistance	
Acid and Alkali Resistance	Excellent
Stability	Long term stability, do not react with organic solvent
Ink Combinability	No change caused by mixing with various kinds of inks
Lifetime	Over 100 years
Appearance Color	White or Pale White-pink Color
Specific Gravity	4.6
Excitation Frequencies	940-1060 nm (wavelength at peak: 980 nm)
Emission Color and Frequencies	Red color 610-630nm; Blue color 430-470nm; Green color:530-560nm
Other Colors	Totally been shielded (adjustable) or color changeable
Excitation Light Sourc	Laser Emitter (10mW) / IR LED (30mW)

Notes: Different size are on request.