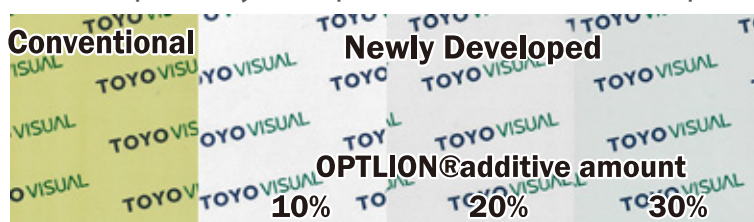


Near-Infrared Absorbent
TOYO COLOR OPTLION®

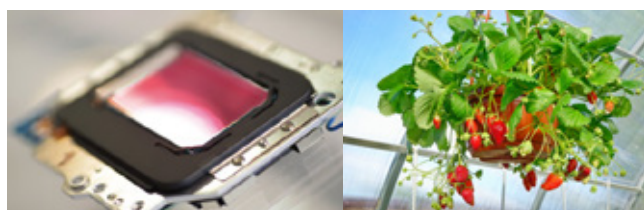
- Pigment molecules designed by applying our colorant synthesis technology
- Can be provided as resist ink, a dispersion, a master batch, etc.
- Low additive amount, high functionality (Can be thinner than 1 μm)
- High transmittance in the visible region
 Sharp transmittance spectrum
 Absorbs 700-900 nm near-infrared light more efficiently than inorganic materials
- Newly developed colorant has higher transparency compared to conventional products



※Coated on PET film, 0.35 μm thick

Uses

Transmissive Wavelength Selection



Noise reduction materials, Agricultural films

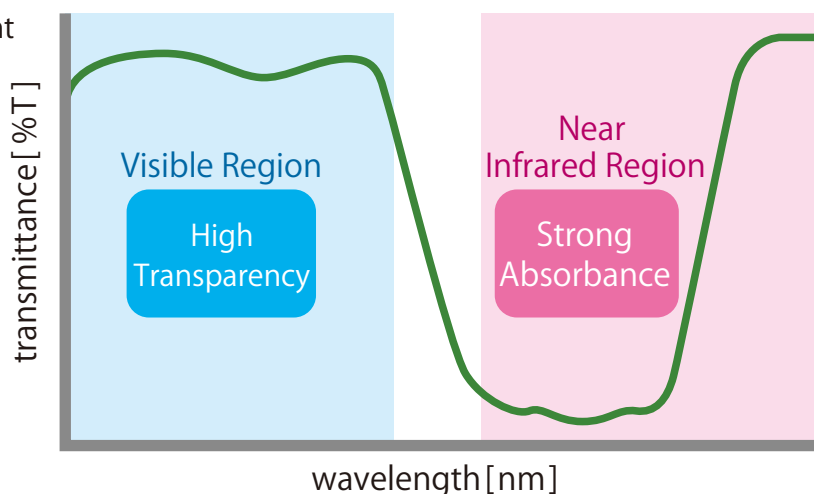
Heat Ray Absorption



Heat shield films

Spectrum

Efficiently cuts off only near-infrared light



※Image is for illustrative purpose.

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