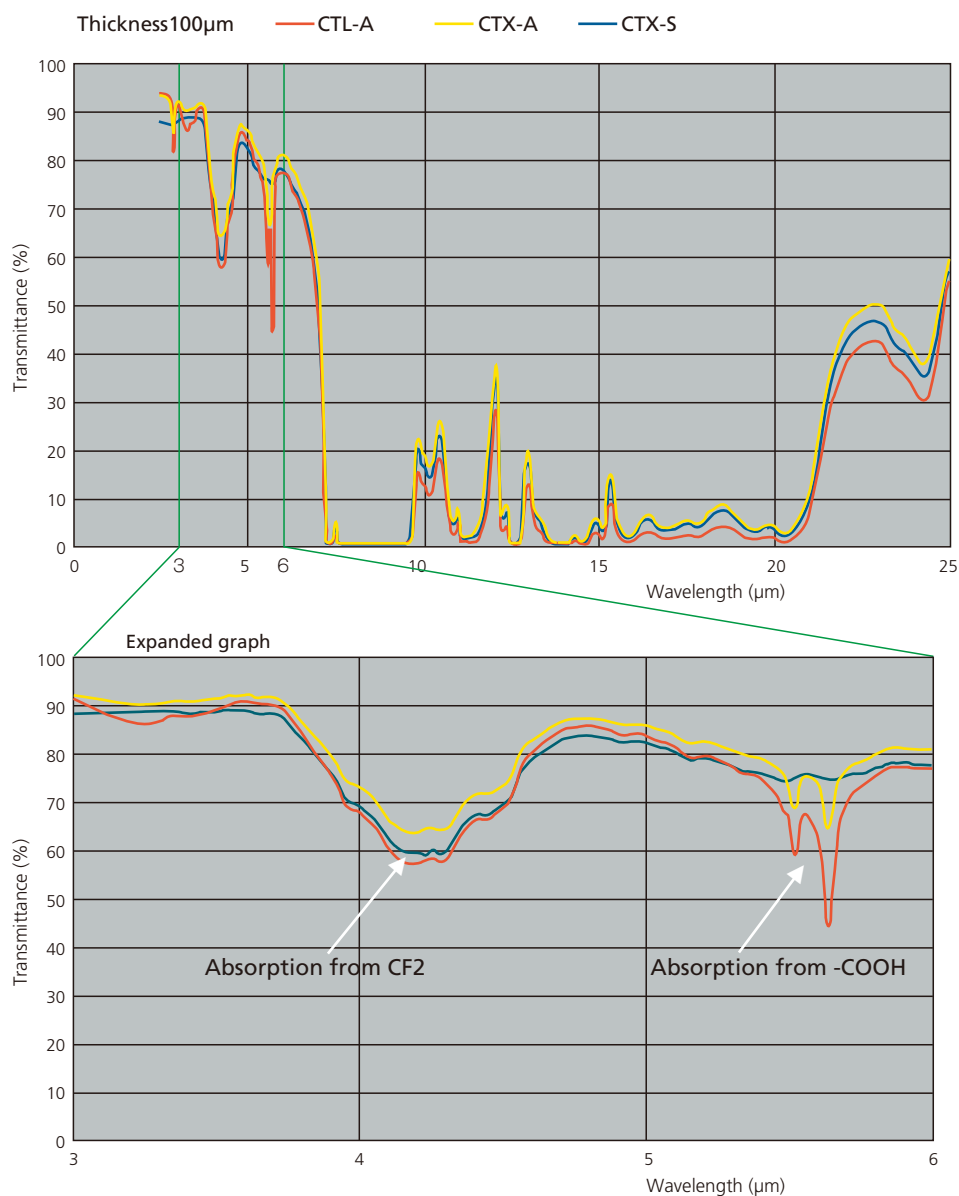


Infrared ray transmittance of CYTOP

Precautions for handling

Please be sure to read MSDS before using this product to ensure safe handling.

Infrared ray transmittance characteristics of CYTOP



* Transmission rate up to 4 μ m is high, but light of 4 μ m is absorbed.
Reason) The CF group absorbs light in the range of long wavelengths.

In contrast, CH absorbs light in the range of short wavelengths.

* Absorption of 4.3 μ m \rightarrow Absorption from $-\text{CF}_2$ coupling

* Absorption of 5.6 μ m \rightarrow Absorption from carboxylic acid ($-\text{COOH}$)

* If the thickness is the same, the reason for the higher transmission rate of CTX-A than that of CTL-A is that there are fewer moles of carboxylic acid ($-\text{COOH}$).

* This is a reference value and it does not assure performance.