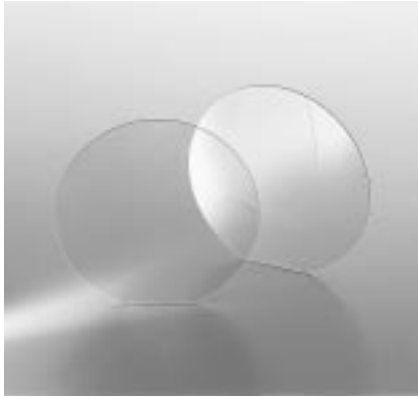
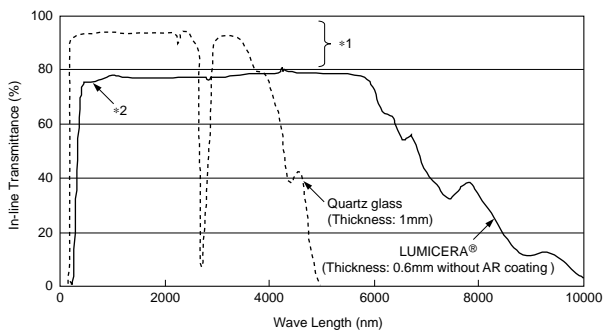


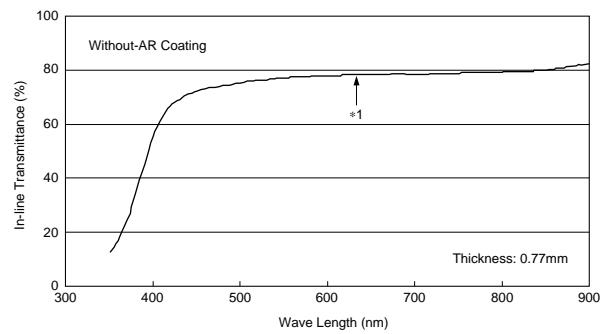
Transparent Ceramics (LUMICERA®)



● In-line Transmittance (the Range from visible to infrared wavelength)



*1 These differences of the absolute value of transmittance are depend on the difference of a refractive index.
 *2 A measurement value and the theoretical value of transmittance correspond almost in 633nm. (Most internal losses cannot be found.)



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| Part Number | Density (g/cm ³) | Thermal Conductivity (W/(m·k)) | Bending Strength (MPa) | Hardness (Hv) | Abbe's Number (vd) | Refractive index | | | | |
|----------------|------------------------------|--------------------------------|------------------------|---------------|--------------------|------------------|------------------|------------------|------------------|------------------|
| | | | | | | C-ray (656.27nm) | d-ray (587.56nm) | e-ray (546.07nm) | F-ray (486.13nm) | g-ray (435.83nm) |
| HCD□□□E Series | 7.5 | 3.3 | 150 | 800 | 30.4 | 2.071 | 2.082 | 2.090 | 2.107 | 2.128 |
| HCR□□□E Series | | | | | | | | | | |