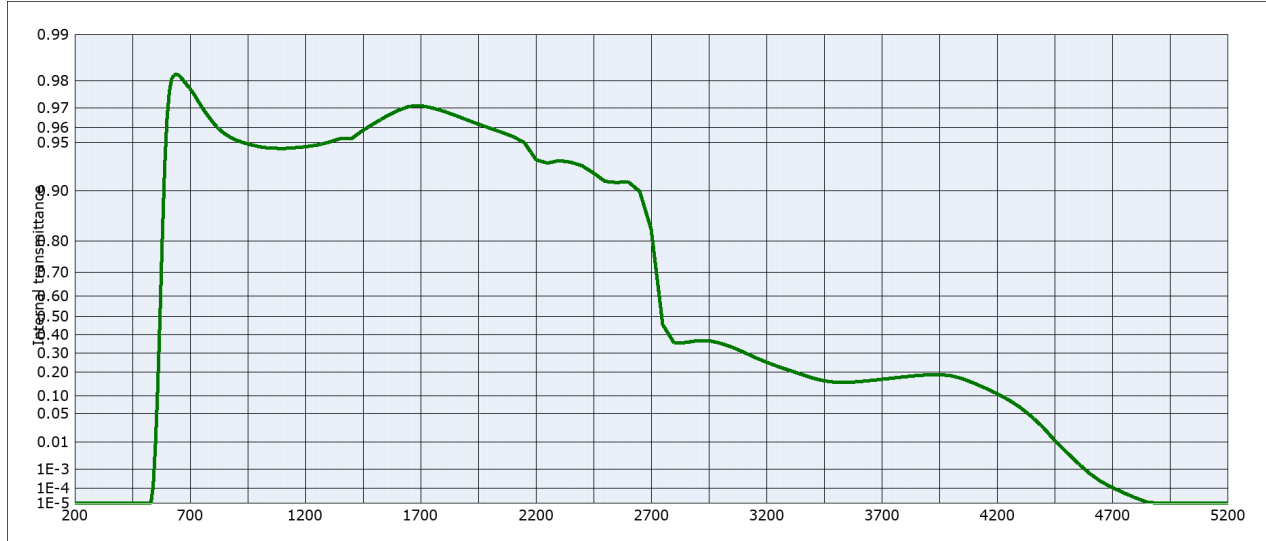




# DATA SHEET

# SCHOTT OG570



**Internal transmittance  $\tau_i$  at reference thickness  $d = 3 \text{ mm}$**   
**The internal transmittance values, tabulated and graphically represented, are reference values only**

| $\lambda$ [nm] | $\tau_i$    | $\lambda$ [nm] | $\tau_i$            | $\lambda$ [nm] | $\tau_i$ | $\lambda$ [nm] | $\tau_i$ | $\lambda$ [nm] | $\tau_i$ | $\lambda$ [nm] | $\tau_i$            |
|----------------|-------------|----------------|---------------------|----------------|----------|----------------|----------|----------------|----------|----------------|---------------------|
| 200            | $< 10^{-5}$ | 500            | $< 10^{-5}$         | 800            | 0.963    | 1100           | 0.946    | 2200           | 0.936    | 3700           | 0.167               |
| 210            | $< 10^{-5}$ | 510            | $< 10^{-5}$         | 810            | 0.961    | 1110           | 0.946    | 2250           | 0.933    | 3750           | 0.173               |
| 220            | $< 10^{-5}$ | 520            | $< 10^{-5}$         | 820            | 0.960    | 1120           | 0.946    | 2300           | 0.935    | 3800           | 0.179               |
| 230            | $< 10^{-5}$ | 530            | $< 10^{-5}$         | 830            | 0.959    | 1130           | 0.946    | 2350           | 0.934    | 3850           | 0.184               |
| 240            | $< 10^{-5}$ | 540            | $1.3 \cdot 10^{-4}$ | 840            | 0.957    | 1140           | 0.946    | 2400           | 0.930    | 3900           | 0.188               |
| 250            | $< 10^{-5}$ | 550            | $8.8 \cdot 10^{-3}$ | 850            | 0.956    | 1150           | 0.946    | 2450           | 0.922    | 3950           | 0.189               |
| 260            | $< 10^{-5}$ | 560            | 0.139               | 860            | 0.955    | 1160           | 0.946    | 2500           | 0.913    | 4000           | 0.184               |
| 270            | $< 10^{-5}$ | 570            | 0.517               | 870            | 0.954    | 1170           | 0.947    | 2550           | 0.911    | 4050           | 0.170               |
| 280            | $< 10^{-5}$ | 580            | 0.816               | 880            | 0.953    | 1180           | 0.947    | 2600           | 0.912    | 4100           | 0.150               |
| 290            | $< 10^{-5}$ | 590            | 0.930               | 890            | 0.953    | 1190           | 0.947    | 2650           | 0.899    | 4150           | 0.130               |
| 300            | $< 10^{-5}$ | 600            | 0.965               | 900            | 0.952    | 1200           | 0.947    | 2700           | 0.829    | 4200           | 0.109               |
| 310            | $< 10^{-5}$ | 610            | 0.976               | 910            | 0.951    | 1250           | 0.948    | 2750           | 0.455    | 4250           | $8.8 \cdot 10^{-2}$ |
| 320            | $< 10^{-5}$ | 620            | 0.981               | 920            | 0.951    | 1300           | 0.950    | 2800           | 0.354    | 4300           | $6.6 \cdot 10^{-2}$ |
| 330            | $< 10^{-5}$ | 630            | 0.982               | 930            | 0.950    | 1350           | 0.953    | 2850           | 0.357    | 4350           | $4.4 \cdot 10^{-2}$ |
| 340            | $< 10^{-5}$ | 640            | 0.982               | 940            | 0.950    | 1400           | 0.953    | 2900           | 0.367    | 4400           | $2.5 \cdot 10^{-2}$ |
| 350            | $< 10^{-5}$ | 650            | 0.982               | 950            | 0.949    | 1450           | 0.958    | 2950           | 0.368    | 4450           | $1.1 \cdot 10^{-2}$ |
| 360            | $< 10^{-5}$ | 660            | 0.981               | 960            | 0.949    | 1500           | 0.963    | 3000           | 0.353    | 4500           | $4.9 \cdot 10^{-3}$ |
| 370            | $< 10^{-5}$ | 670            | 0.980               | 970            | 0.948    | 1550           | 0.966    | 3050           | 0.332    | 4550           | $1.9 \cdot 10^{-3}$ |
| 380            | $< 10^{-5}$ | 680            | 0.979               | 980            | 0.948    | 1600           | 0.969    | 3100           | 0.305    | 4600           | $6.6 \cdot 10^{-4}$ |
| 390            | $< 10^{-5}$ | 690            | 0.978               | 990            | 0.948    | 1650           | 0.971    | 3150           | 0.276    | 4650           | $2.5 \cdot 10^{-4}$ |
| 400            | $< 10^{-5}$ | 700            | 0.977               | 1000           | 0.947    | 1700           | 0.971    | 3200           | 0.251    | 4700           | $1.1 \cdot 10^{-4}$ |
| 410            | $< 10^{-5}$ | 710            | 0.976               | 1010           | 0.947    | 1750           | 0.970    | 3250           | 0.229    | 4750           | $5.3 \cdot 10^{-5}$ |
| 420            | $< 10^{-5}$ | 720            | 0.975               | 1020           | 0.946    | 1800           | 0.969    | 3300           | 0.209    | 4800           | $2.5 \cdot 10^{-5}$ |
| 430            | $< 10^{-5}$ | 730            | 0.974               | 1030           | 0.946    | 1850           | 0.967    | 3350           | 0.191    | 4850           | $1.2 \cdot 10^{-5}$ |
| 440            | $< 10^{-5}$ | 740            | 0.972               | 1040           | 0.946    | 1900           | 0.964    | 3400           | 0.173    | 4900           | $< 10^{-5}$         |
| 450            | $< 10^{-5}$ | 750            | 0.971               | 1050           | 0.946    | 1950           | 0.962    | 3450           | 0.160    | 4950           | $< 10^{-5}$         |
| 460            | $< 10^{-5}$ | 760            | 0.969               | 1060           | 0.946    | 2000           | 0.960    | 3500           | 0.154    | 5000           | $< 10^{-5}$         |
| 470            | $< 10^{-5}$ | 770            | 0.968               | 1070           | 0.946    | 2050           | 0.957    | 3550           | 0.154    | 5050           | $< 10^{-5}$         |
| 480            | $< 10^{-5}$ | 780            | 0.966               | 1080           | 0.946    | 2100           | 0.954    | 3600           | 0.157    | 5100           | $< 10^{-5}$         |
| 490            | $< 10^{-5}$ | 790            | 0.964               | 1090           | 0.946    | 2150           | 0.950    | 3650           | 0.162    | 5150           | $< 10^{-5}$         |