

Catalogue Thickness 3.0 mm

Refraction Factor 0.919

Spectral Transmittance Table & Internal Transmittance Table

| nm | 200   | 210   | 220   | 230   | 240   | 250   | 260   | 270   | 280   | 290   | 300   | 310   | 320   | 330   | 340   | 350   | 360   | 370   | 380   | 390   | 400   | 410   | 420   | 430   |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| T  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.068 | 0.191 | 0.367 | 0.498 | 0.552 | 0.630 | 0.675 | 0.698 | 0.708 | 0.718 |
| Ti | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.074 | 0.207 | 0.400 | 0.542 | 0.601 | 0.685 | 0.734 | 0.760 | 0.771 | 0.781 |
| nm | 440   | 450   | 460   | 470   | 480   | 490   | 500   | 510   | 520   | 530   | 540   | 550   | 560   | 570   | 580   | 590   | 600   | 610   | 620   | 630   | 640   | 650   | 660   | 670   |
| T  | 0.733 | 0.748 | 0.764 | 0.780 | 0.796 | 0.802 | 0.807 | 0.802 | 0.796 | 0.791 | 0.780 | 0.764 | 0.743 | 0.723 | 0.698 | 0.661 | 0.638 | 0.600 | 0.564 | 0.512 | 0.471 | 0.428 | 0.385 | 0.343 |
| Ti | 0.798 | 0.815 | 0.832 | 0.849 | 0.867 | 0.873 | 0.879 | 0.873 | 0.867 | 0.861 | 0.849 | 0.832 | 0.809 | 0.787 | 0.760 | 0.719 | 0.695 | 0.653 | 0.614 | 0.557 | 0.513 | 0.465 | 0.420 | 0.373 |
| nm | 680   | 690   | 700   | 710   | 720   | 730   | 740   | 750   | 760   | 780   | 800   | 820   | 840   | 860   | 880   | 900   | 920   | 940   | 960   | 980   | 1000  | 1050  | 1100  | 1150  |
| T  | 0.309 | 0.269 | 0.234 | 0.204 | 0.178 | 0.166 | 0.145 | 0.126 | 0.110 | 0.083 | 0.068 | 0.051 | 0.039 | 0.032 | 0.028 | 0.024 | 0.021 | 0.018 | 0.016 | 0.016 | 0.015 | 0.014 | 0.014 | 0.016 |
| Ti | 0.336 | 0.293 | 0.255 | 0.222 | 0.194 | 0.181 | 0.157 | 0.137 | 0.119 | 0.091 | 0.074 | 0.056 | 0.042 | 0.034 | 0.030 | 0.026 | 0.023 | 0.020 | 0.017 | 0.017 | 0.016 | 0.015 | 0.015 | 0.017 |
| nm | 1200  | 1250  | 1300  | 1350  | 1400  | 1450  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  | 2100  | 2200  | 2300  | 2400  | 2500  | 2600  | 2700  | 2800  | 2900  | 3000  |       |       |
| T  | 0.021 | 0.028 | 0.036 | 0.051 | 0.072 | 0.095 | 0.126 | 0.178 | 0.191 | 0.204 | 0.219 | 0.234 | 0.251 | 0.269 | 0.288 | 0.331 | 0.355 | 0.355 | 0.269 | 0.126 | 0.063 | 0.102 |       |       |
| Ti | 0.023 | 0.030 | 0.040 | 0.056 | 0.079 | 0.104 | 0.137 | 0.194 | 0.207 | 0.222 | 0.238 | 0.255 | 0.273 | 0.293 | 0.314 | 0.360 | 0.386 | 0.386 | 0.293 | 0.137 | 0.069 | 0.111 |       |       |

Index-number

| Line | i     | h     | g      | F'    | F      | e      | d     | D      | C'    | C      | r     | A'    | t      |
|------|-------|-------|--------|-------|--------|--------|-------|--------|-------|--------|-------|-------|--------|
| nm   | 365.0 | 404.7 | 435.8  | 480.0 | 486.1  | 546.1  | 587.6 | 589.3  | 643.8 | 656.3  | 706.5 | 768.2 | 1014.0 |
| n    |       |       | 1.5280 |       | 1.5220 | 1.5190 |       | 1.5160 |       | 1.5140 |       |       |        |

Abbe-number

| Line | g     | F'    | F     | e     | d     | D     | C'    | C     | r     |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| nm   | 435.8 | 480.0 | 486.1 | 546.1 | 587.6 | 589.3 | 643.8 | 656.3 | 706.5 |
| V    |       |       |       |       |       |       |       |       |       |

Color Specifications

|   | x     | y     | T      | Thick |
|---|-------|-------|--------|-------|
| A | 0.423 | 0.418 | 65.200 | 2.0   |
| B | 0.328 | 0.356 | 66.800 | 2.0   |

Properties

| Chimic |     | Termic |     | Mechanic |      |      | Other  |              |  |
|--------|-----|--------|-----|----------|------|------|--------|--------------|--|
| FR*    | SR* | Tg     | CTE | SG       | HG   | Beta | Bubble | Visual Color |  |
| A      | 1   | 560    | 67  | 2.6      | 1.16 | 3.1  | 0.1    | cyan         |  |

Tolerances of Transmittance & Wavelength

| T (%)            |    | WL (nm) |    | T (%)                  |   | WL (nm) |    |
|------------------|----|---------|----|------------------------|---|---------|----|
| Standard Quality |    |         |    | Extra Standard Quality |   |         |    |
| minor            | 10 | minor   | 15 | minor                  | 5 | minor   | 10 |
|                  |    |         |    |                        |   |         |    |

Spectral Transmittance Graphic

GOST BGC16 CLOSE TO SCHOTT GLASS BG26 & HOYA GLASS CAW500

